

Water Resources Survey



Part II:

MAPS SHOWING IRRIGATED AREAS IN COLORS
DESIGNATING THE SOURCES OF SUPPLY

Musselshell County, Montana

Published by
STATE ENGINEER'S OFFICE
Helena, Montana, July, 1949



WATER RESOURCES SURVEY

Musselshell County, Montana

Part II

Maps Showing Irrigated Areas

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HELENA, MONTANA

July, 1949

STATE ENGINEER'S OFFICE

State Engineer	-	-	-	-	-	-	-	-	-	Fred E. Buck
Assistant	-	-	-	-	-	-	-	-	-	Gerald J. Oravetz

STATE WATER CONSERVATION BOARD

Governor John W. Bonner	-	-	-	-	-	-	-	-	Chairman
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MONTANA STATE AGRICULTURAL EXPERIMENT STATION

O. W. Monson	-	-	-	-	Irrigation Engineer and Consultant
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July, 1949

Hon. John W. Bonner
Capitol Building
Helena, Montana

Dear Governor Bonner:

Submitted herewith is a consolidated report on the Water Resources Survey of Musselshell County, Montana. This work is being carried on by funds made available to the State Engineer by the Thirty-first Legislative Session, 1949, and in cooperation with the State Water Conservation Board.

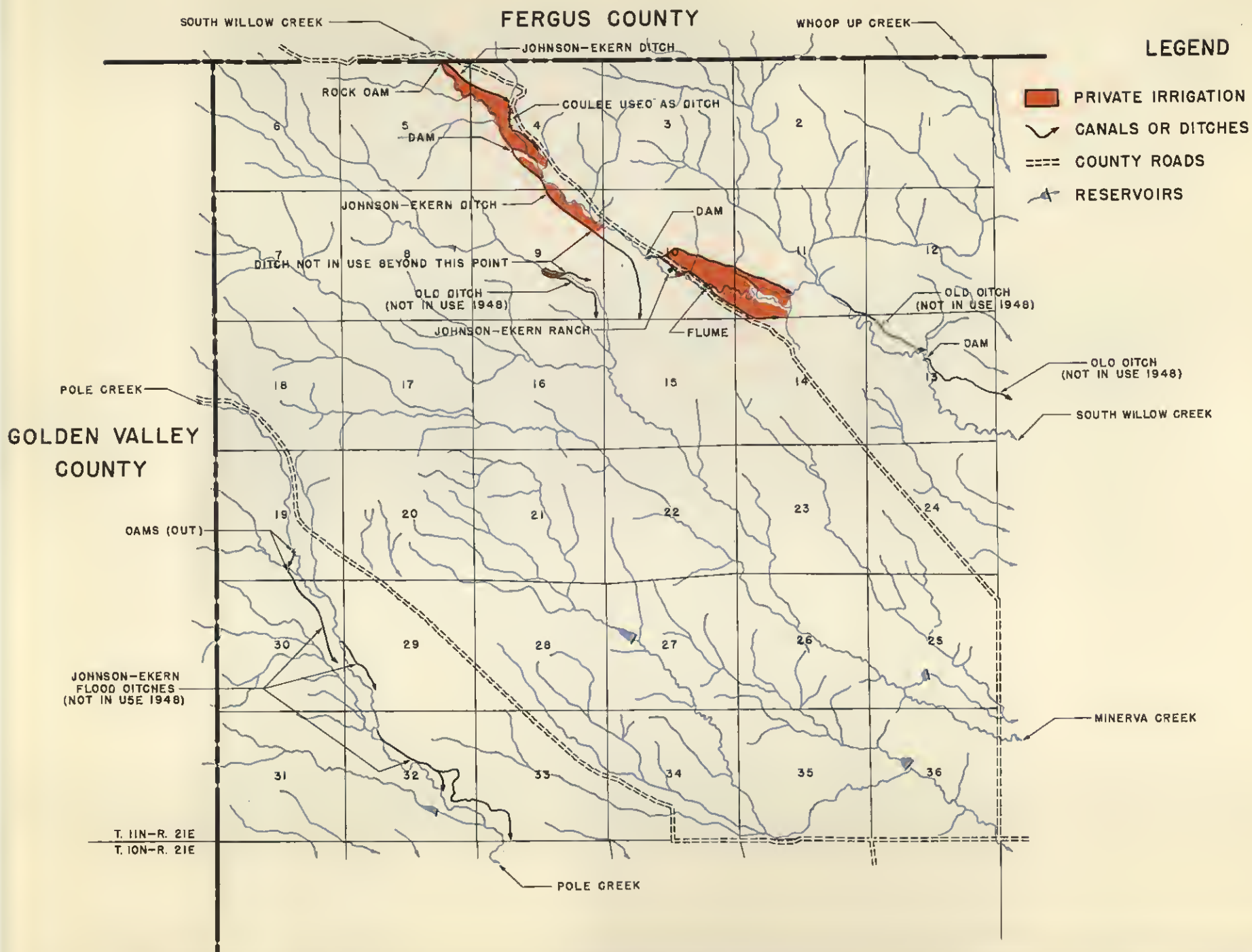
The report is divided into two booklets—part one consisting of the history of land and water use, irrigated lands, water rights, etc., while part two contains all of the township maps showing in color the lands irrigated from each canal.

The office files contain minute descriptions and details of each individual water right, water and land use, etc., which are too voluminous to be included herein. These office files are available for inspection to those who are interested.

Mr. Gerald J. Oravetz, Assistant State Engineer, has directed the detail office and field work of this project and is entitled to much credit for the excellent accomplishment.

Respectfully submitted,

FRED E. BUCK,
State Engineer.



FERGUS COUNTY

LEGEND



PRIVATE IRRIGATION



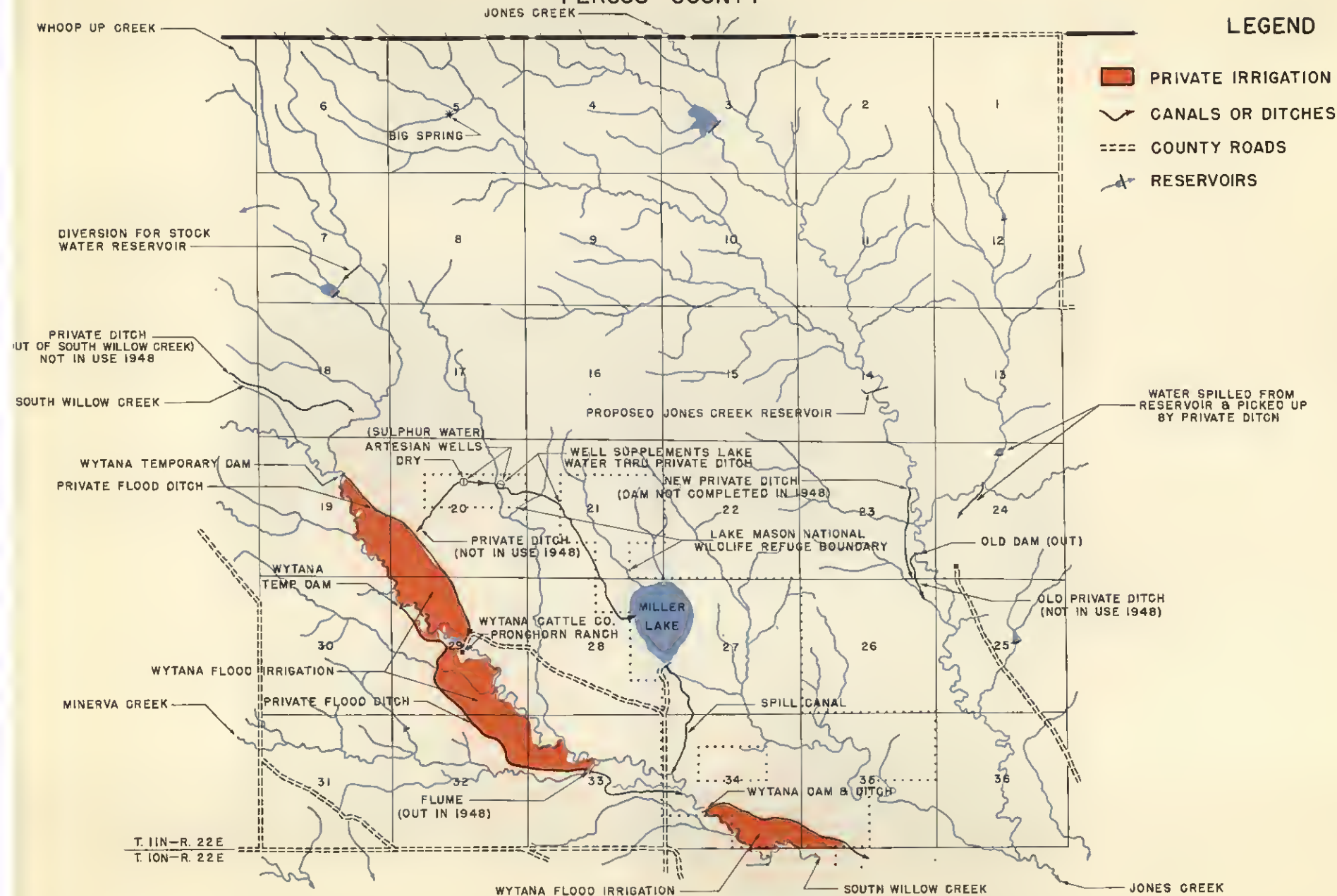
CANALS OR DITCHES



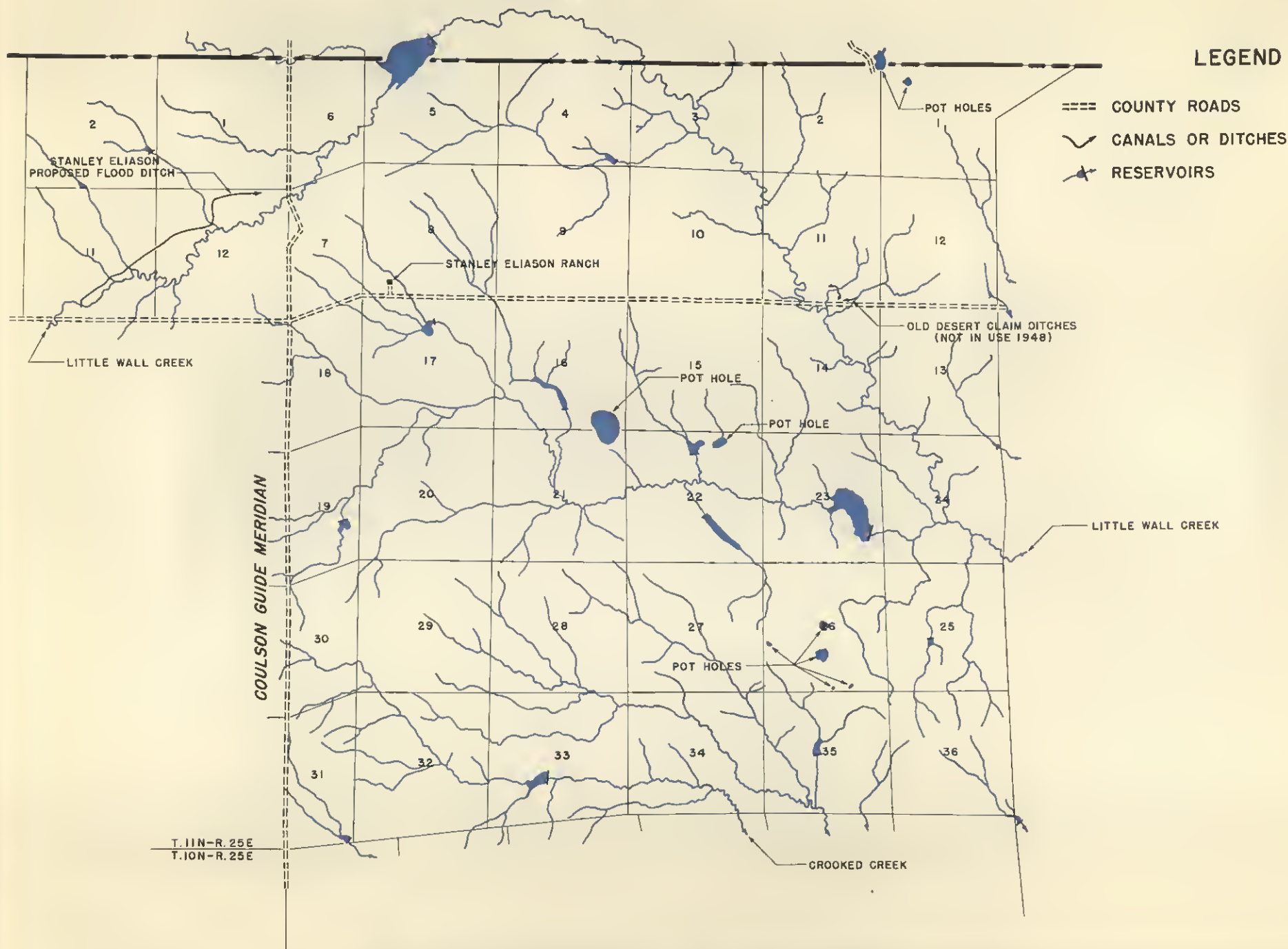
COUNTY ROADS



RESERVOIRS



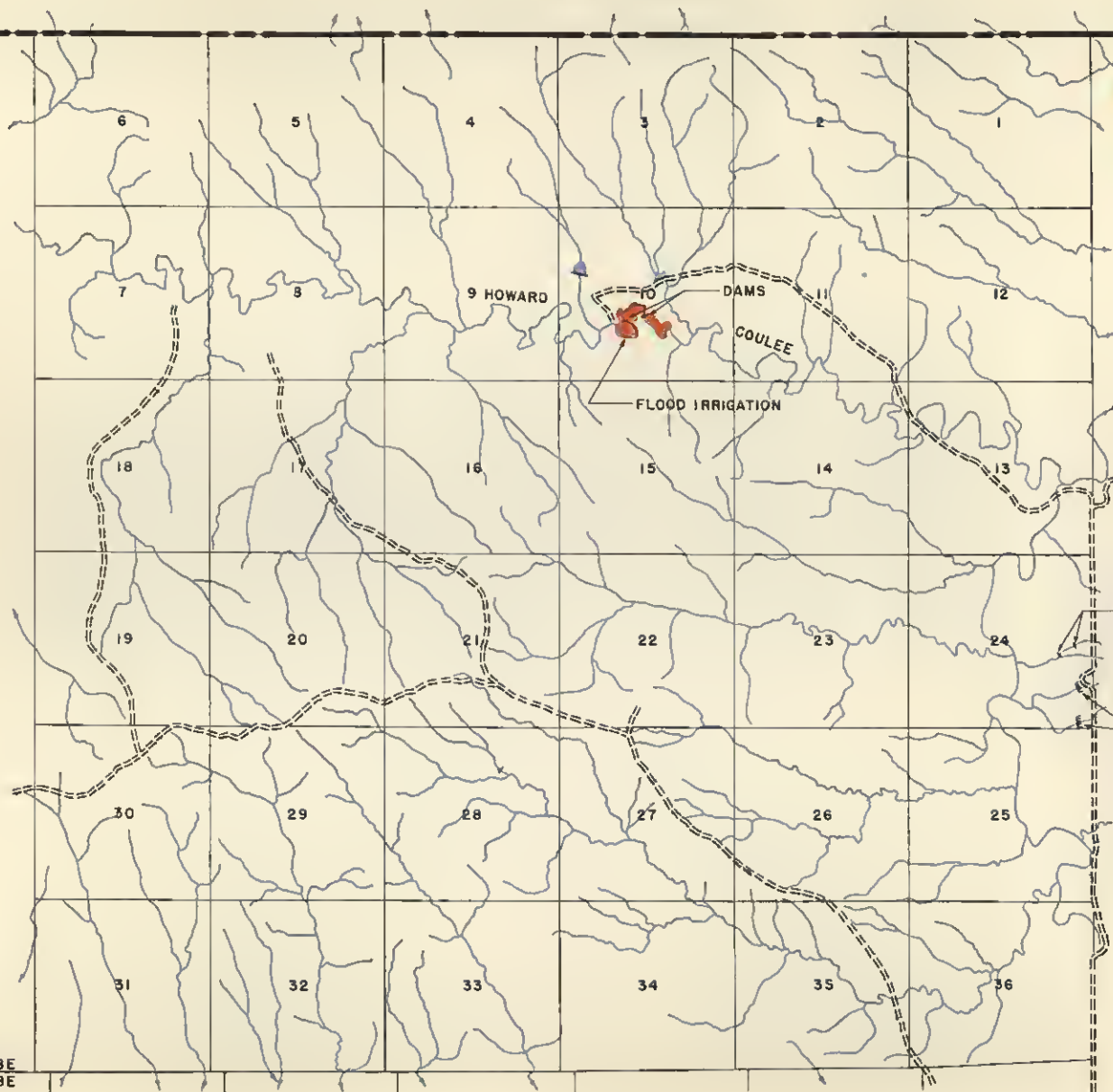
PETROLEUM COUNTY



PETROLEUM COUNTY

LEGEND

- PRIVATE IRRIGATION
- COUNTY ROADS
- DIKES
- RESERVOIRS



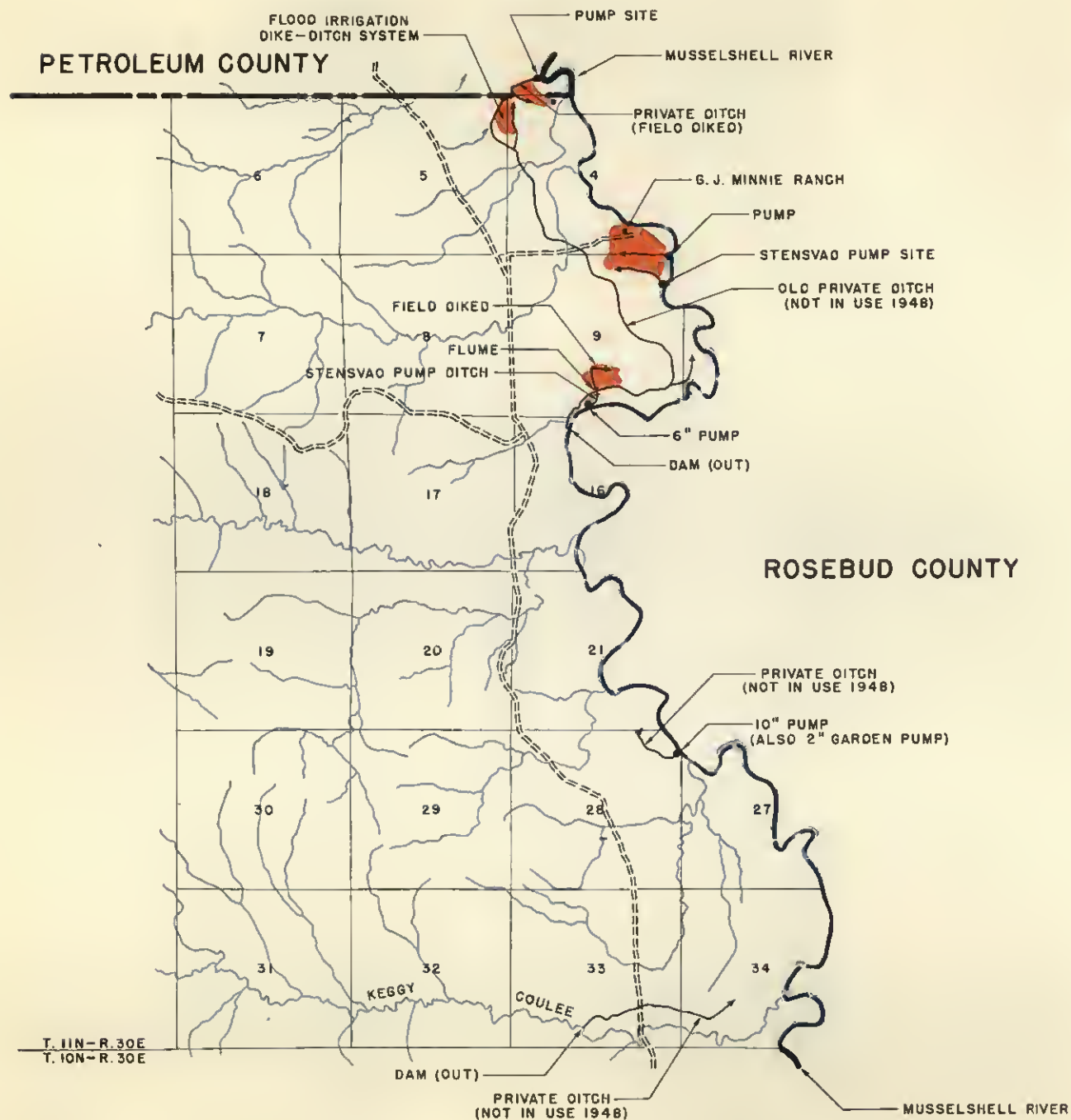
NORTH WILLOW CREEK

MUSSELSHELL GUIDE MERIDIAN

DAMS

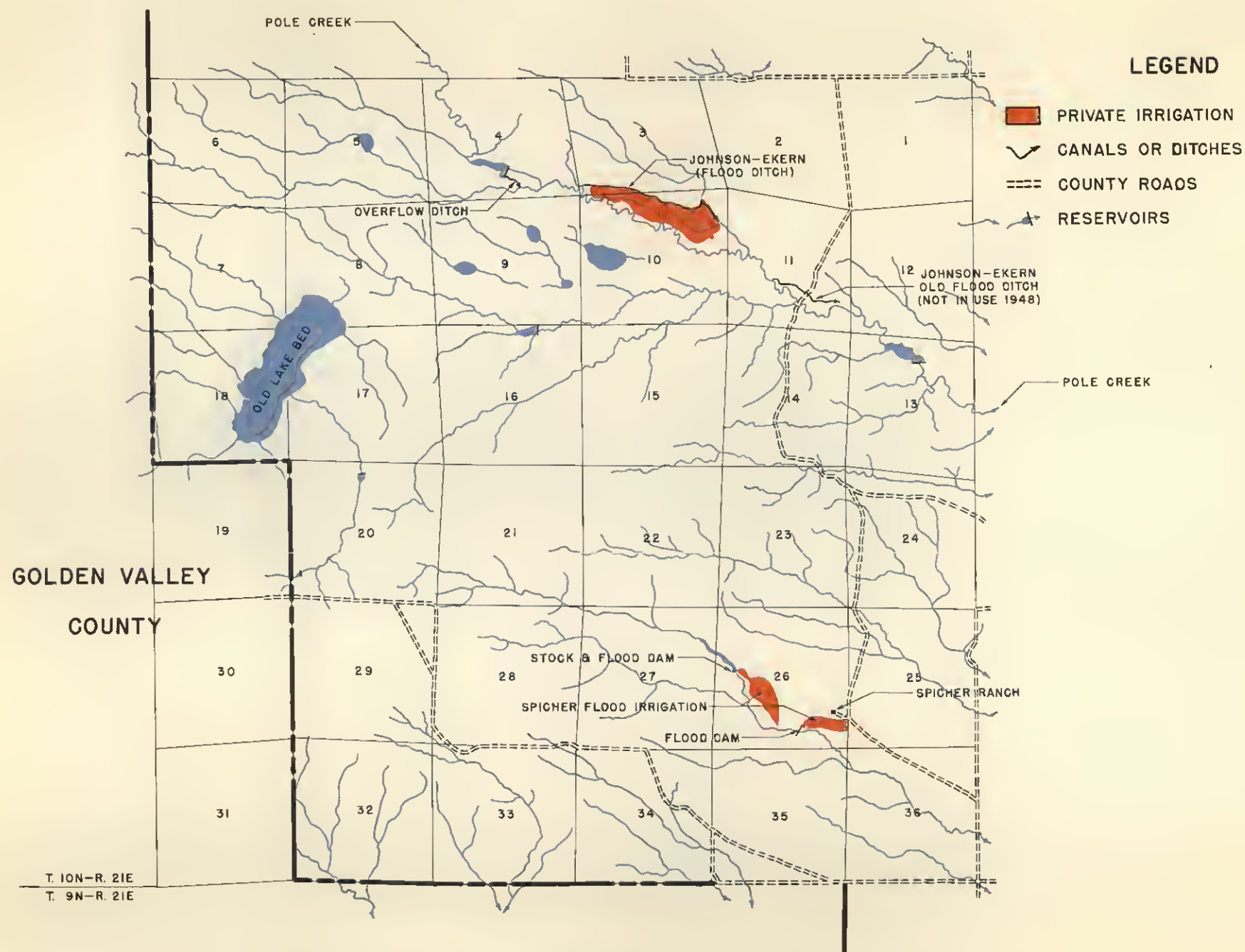
EROSION FLOOD CONTROL DIKES

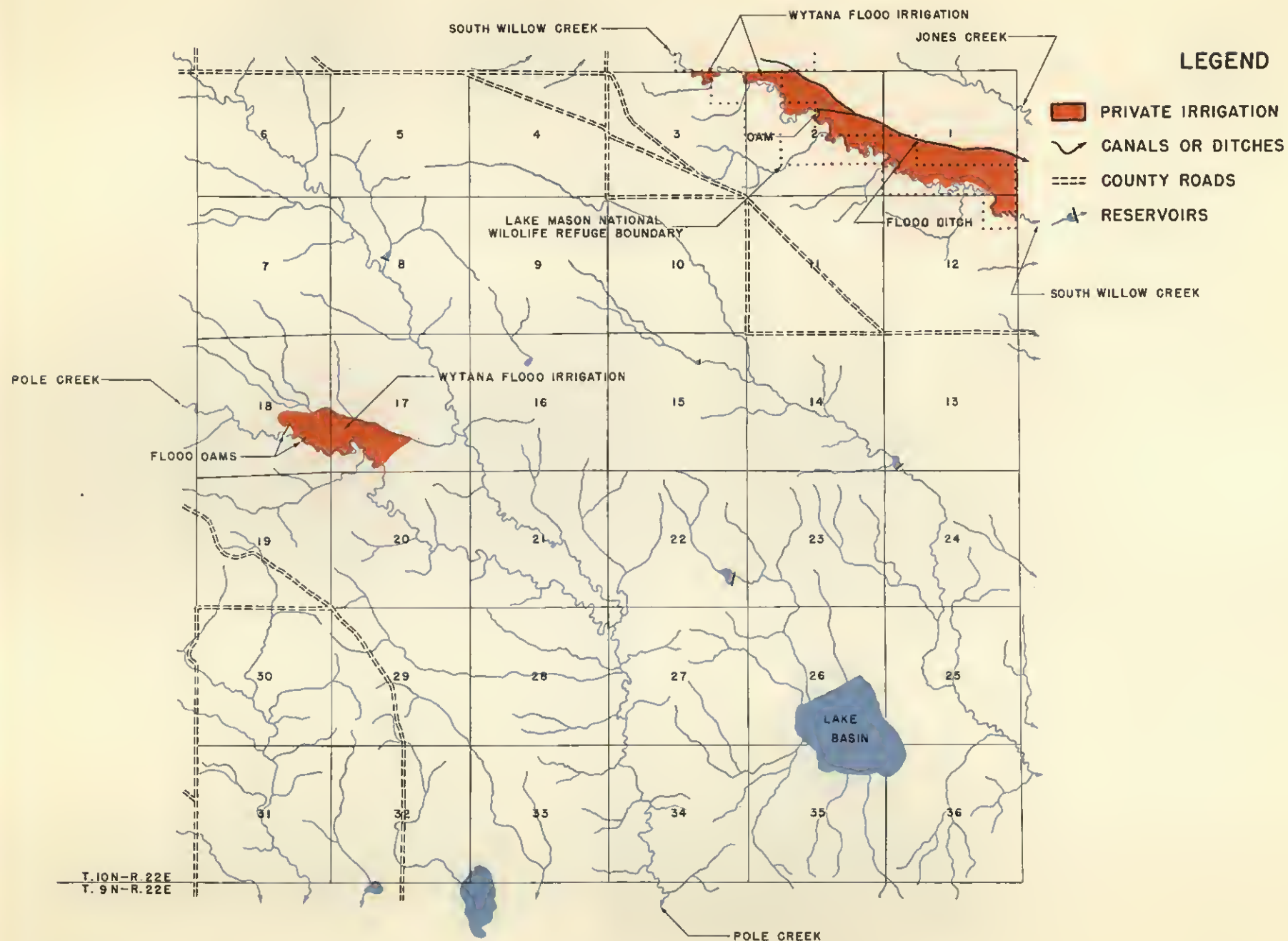
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T. 10N-R. 28E



LEGEND





- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

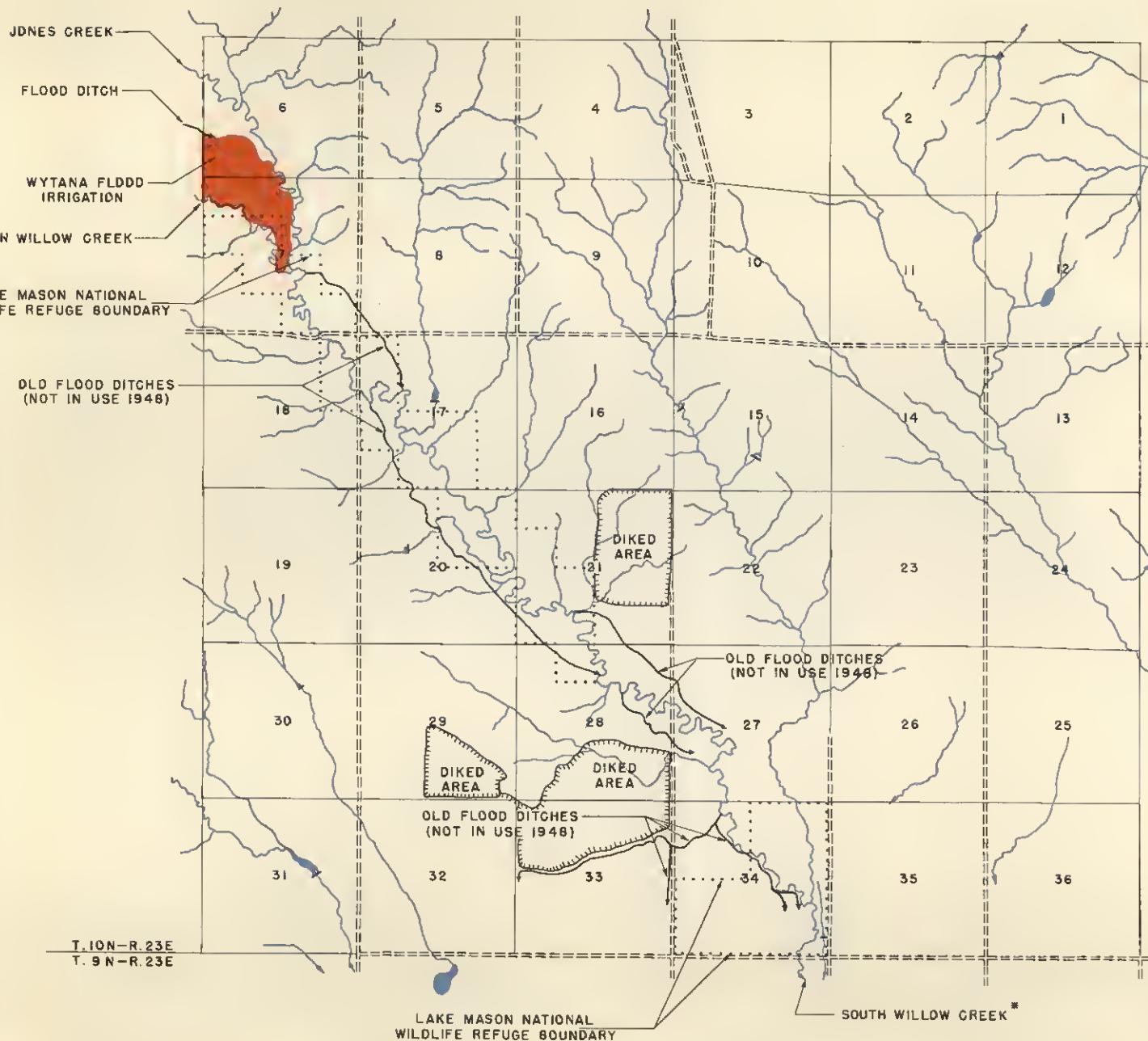


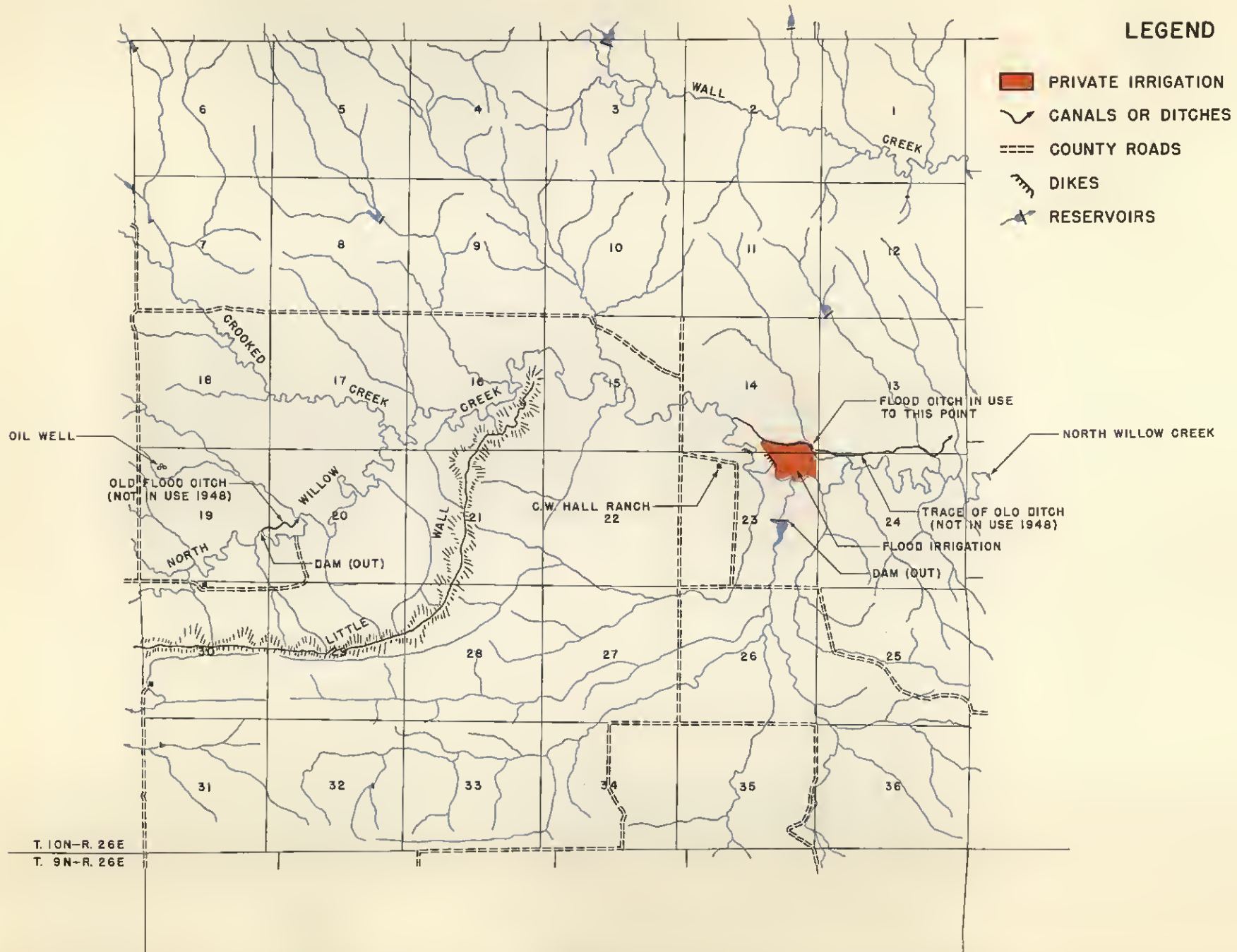


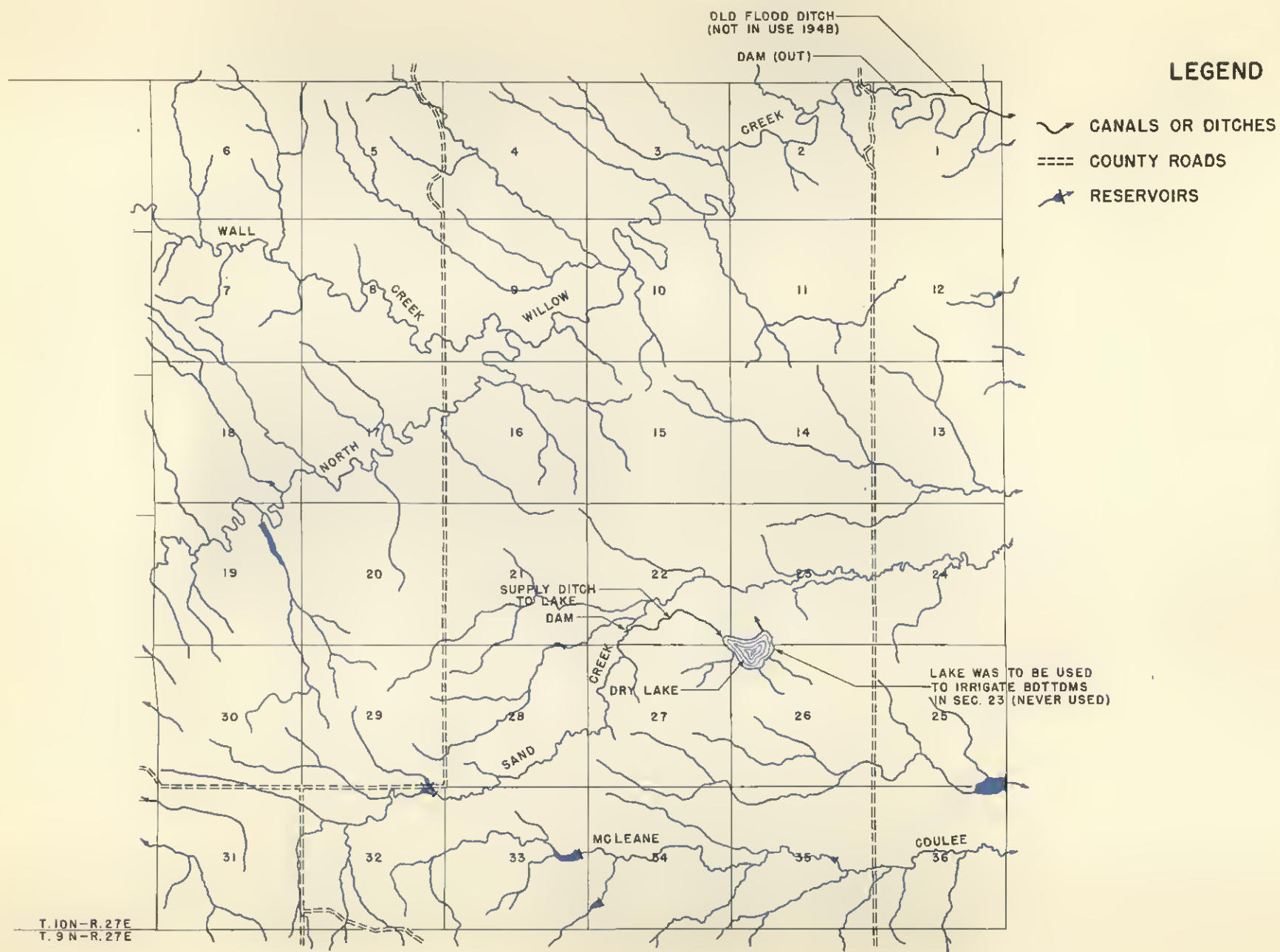
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T. 9N-R. 22E

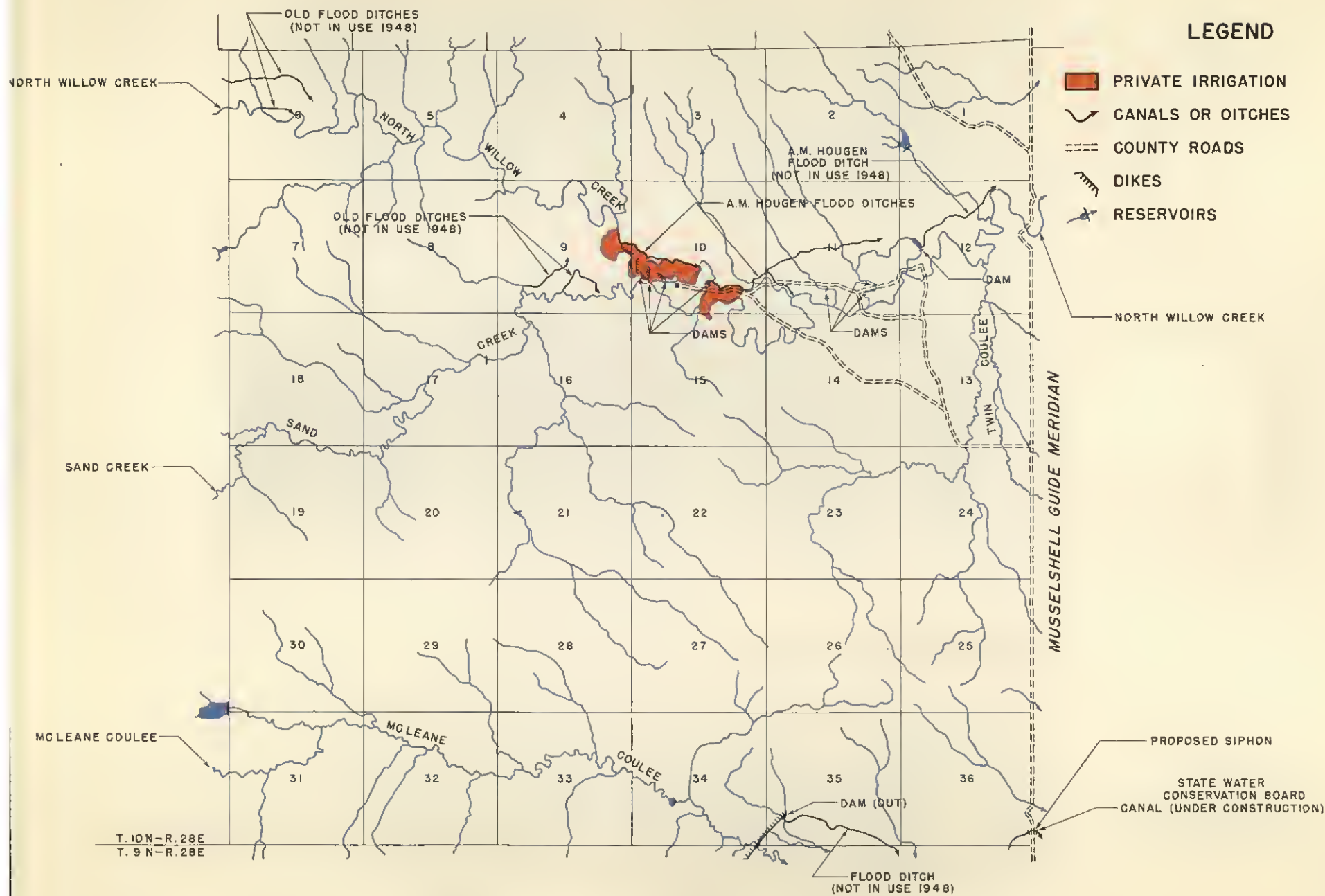
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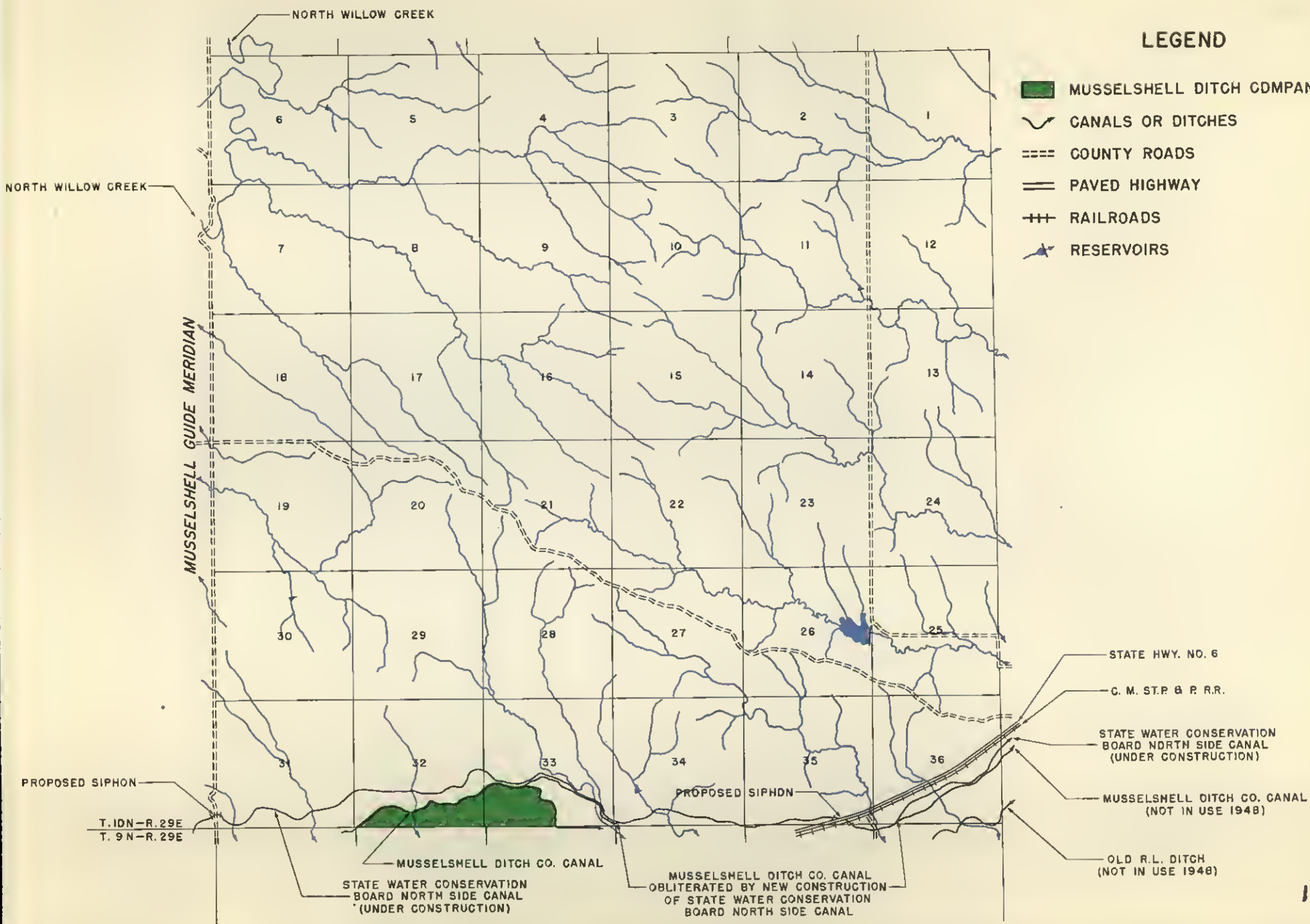
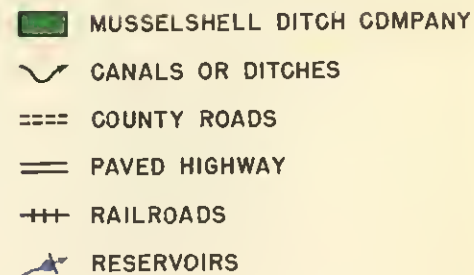
-  PRIVATE IRRIGATION
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS





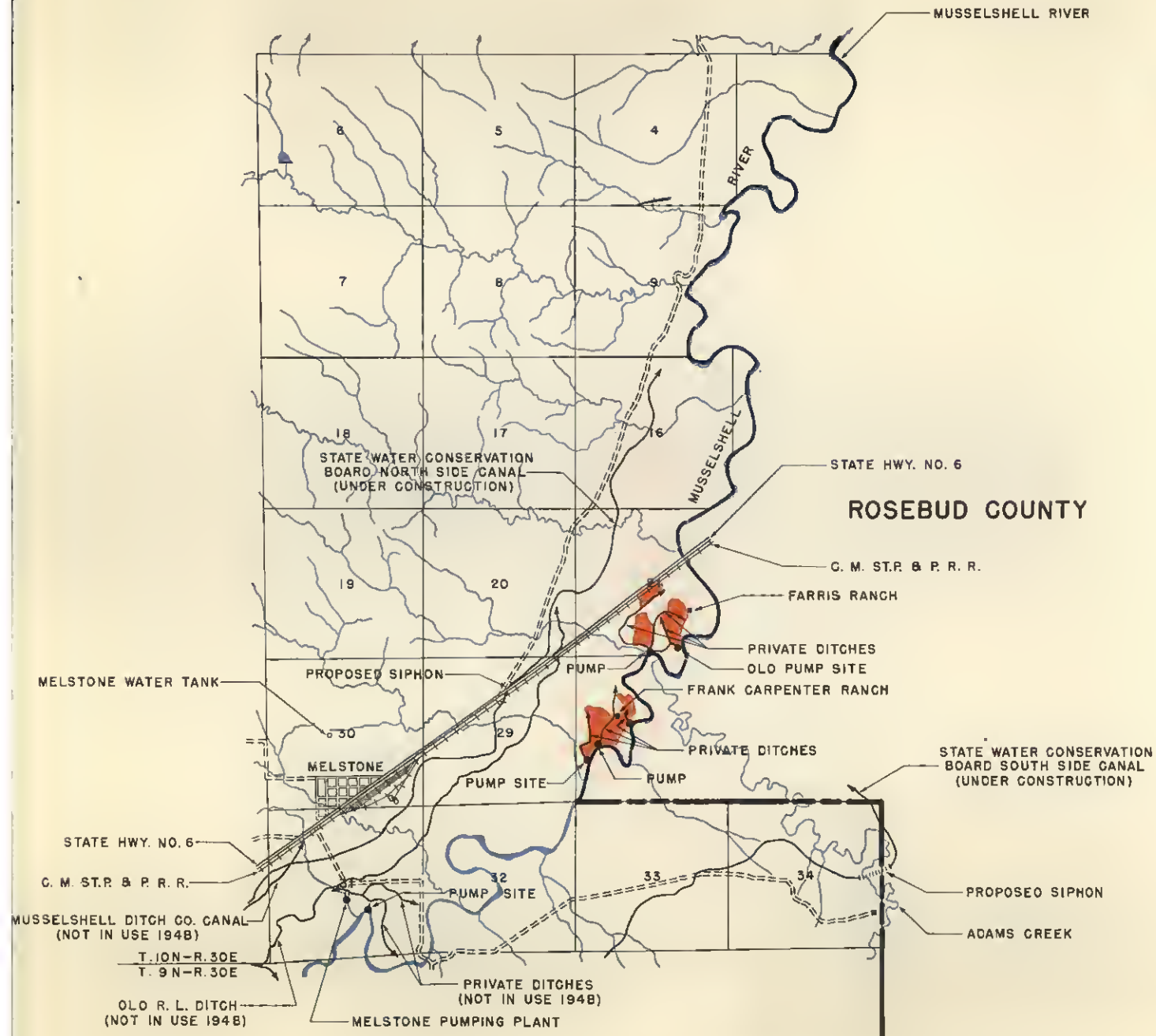


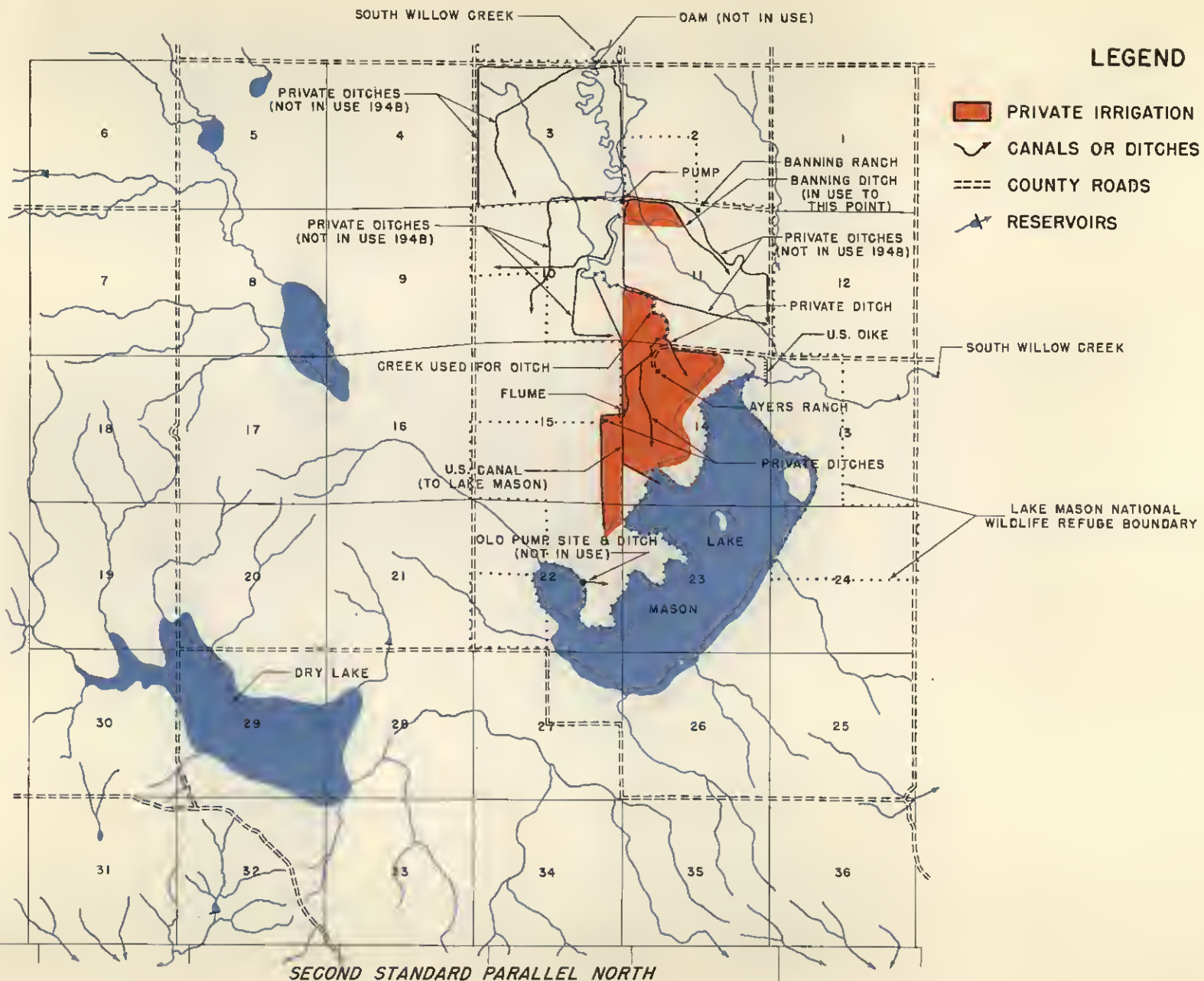




LEGEND

- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED HIGHWAY
- +++ RAILROADS
- ~ RESERVOIRS



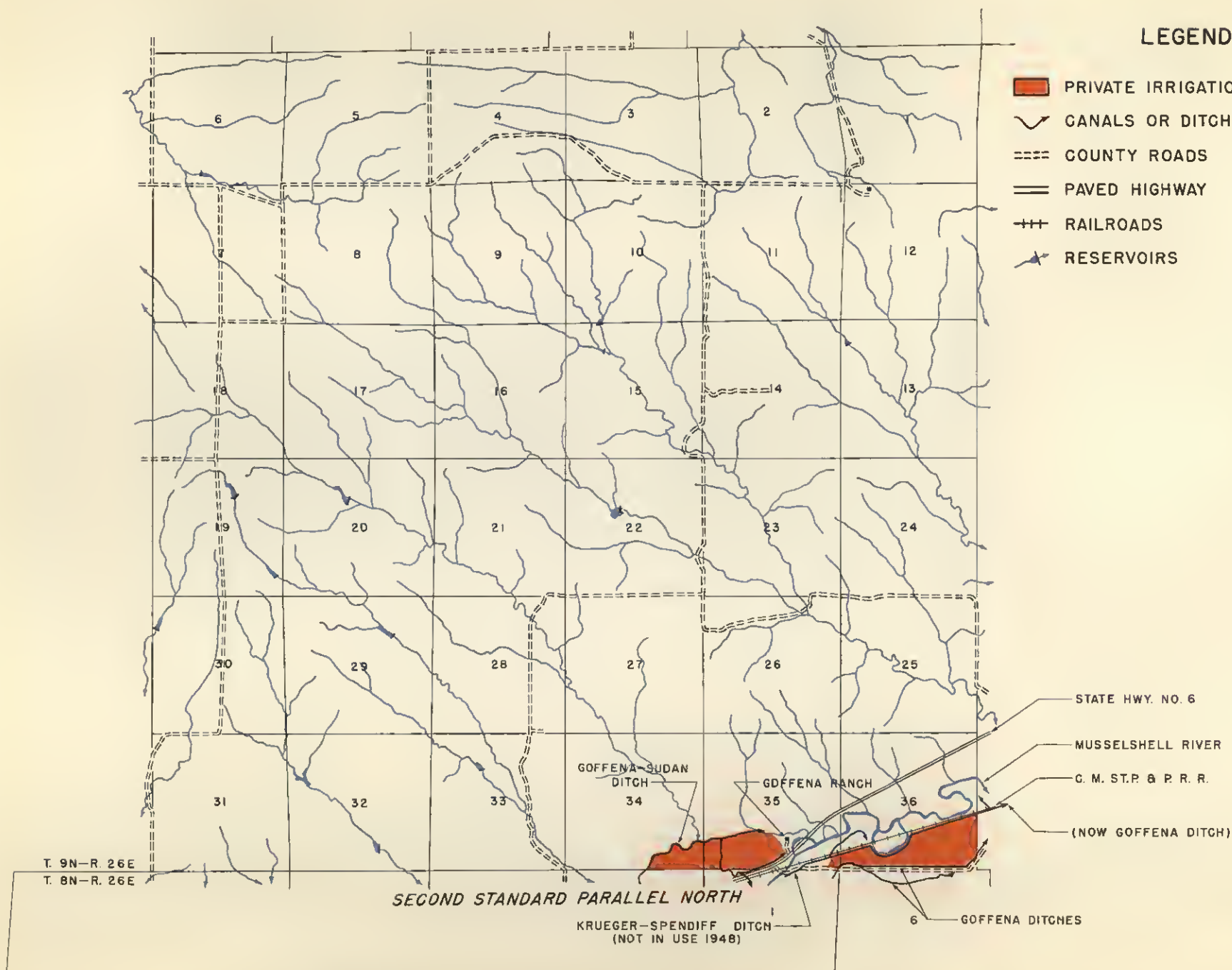


T. 9N-R. 23E
T. 8N-R. 23E

SECOND STANDARD PARALLEL NORTH

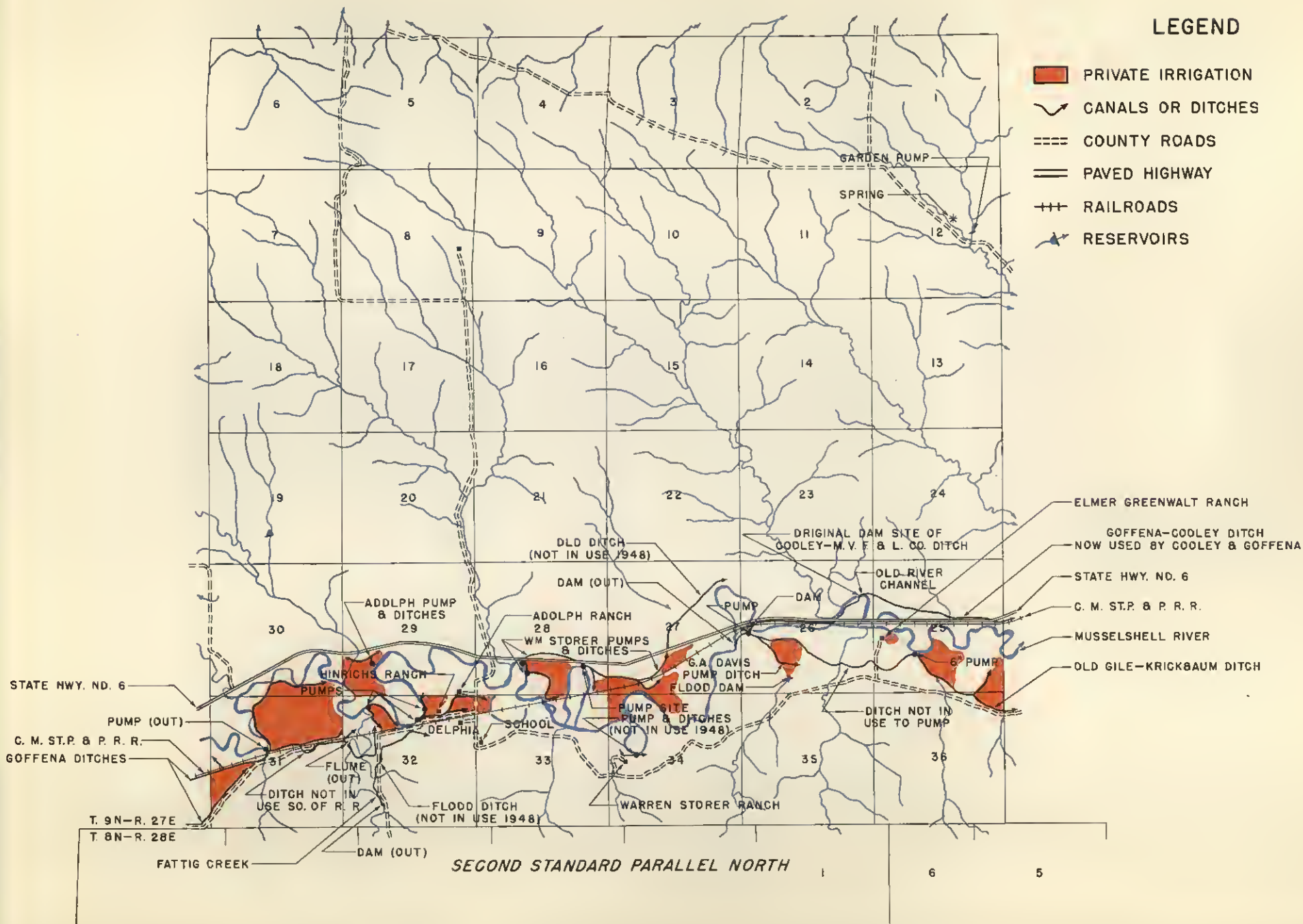
LEGEND

- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS



LEGEND

- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS



FLOOD DITCH
(NOT IN USE 1948)
DAM & DIKE
(DAM OUT)
MCLEANE COULEE

STATE WATER
CONSERVATION BOARD
NORTH SIDE CANAL
(UNDER CONSTRUCTION)

PROPOSED SIPHON

LEGEND

- MUSSELSHELL DITCH COMPANY
- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS

STATE WATER
CONSERVATION BOARD
SOUTH SIDE CANAL
(UNDER CONSTRUCTION)

MUSSELSHELL GUIDE MERIDIAN

GOFFENA-CODLEY DITCH

EARL COOLEY RANCH

STATE HWY NO. 6

G. M. ST. P. & P. R. R.

MUSSELSHELL RIVER

OLD GILE-KRIECKBAUM DITCH

FLOOD DITCH
(NOT IN USE 1948)

PROPOSED SIPHON

CHANDLER DITCH

MUSSELSHELL DITCH CO. CANAL

OLD CHANDLER & MUSSELSHELL

DITCHES (NOT IN USE)

R. R. GRADE TO OLD MINE

(ABANDONED)

ORIGINAL DIVERSIONS FOR

CHANDLER DITCH &

MUSSELSHELL DITCH

CO. CANAL

HANDEL BROS. DITCH
(NOT IN USE 1948)

KORENKO RANCH

KORENKO PUMPS & DITCHES

DAM

PUMP

PROPOSED SIPHON

EAGLE ROCK DITCH

STRANG-EAGLE ROCK RANCH

L. GOFFENA RANCH

PROPOSED DIVERSION DAM

S. W. G. B. MAIN CANAL

MUSSELSHELL

ROBINSON PUMP & DITCH

CEMETERY

DAMS (OUT)

FLOOD DITCHES
(NOT IN USE)

SIPHON

CRAWFORD RANCH

FLUME (OUT)

TUNNEL

FLOOD DITCH
(NOT IN USE 1948)

DAM (OUT)

WM COOLEY RANCH

OLD COOLEY-EAGLE ROCK DITCH
(NOT IN USE 1948)

T. 9N-R. 28E
T. 8N-R. 29E

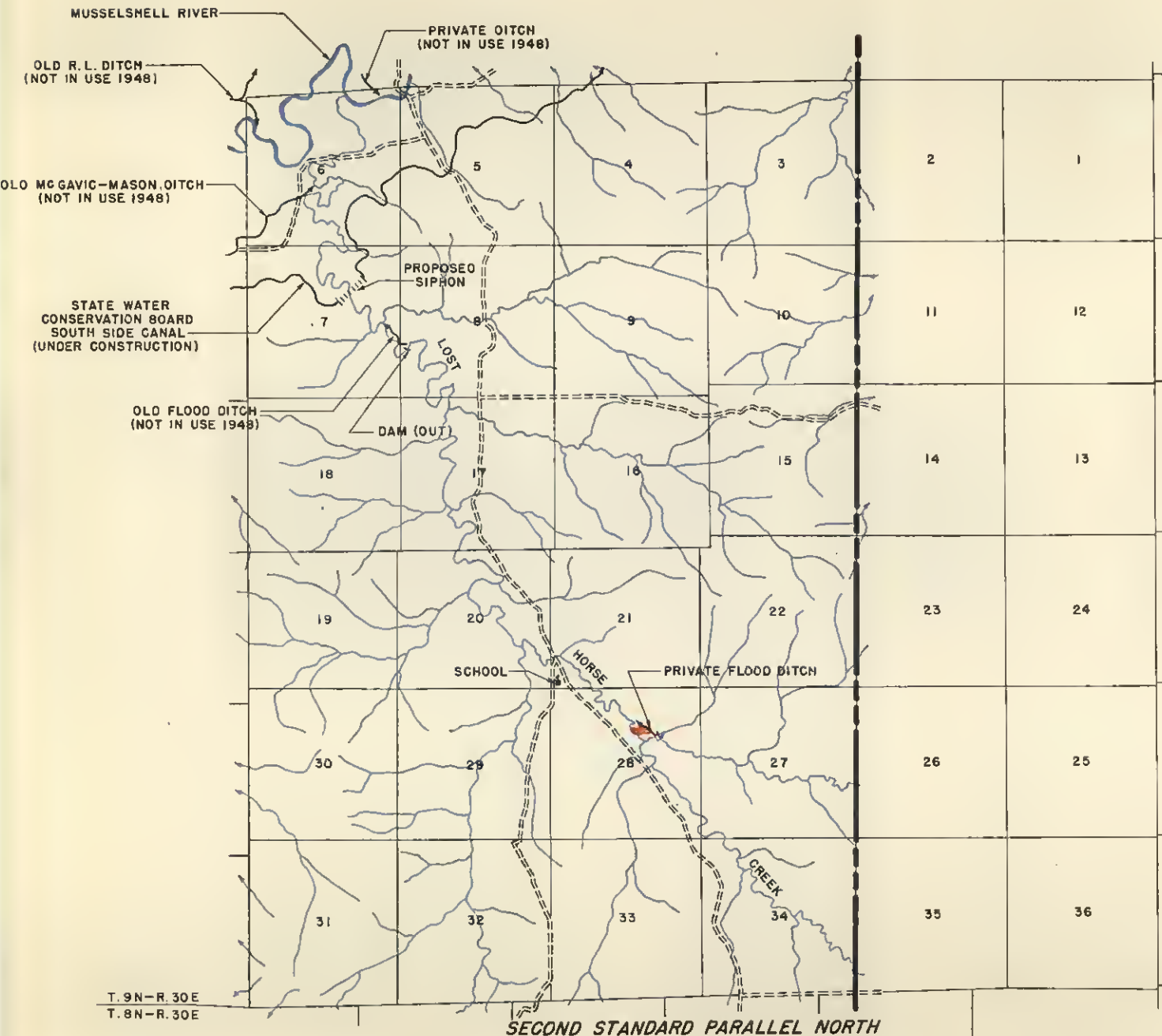
SECOND STANDARD PARALLEL NORTH

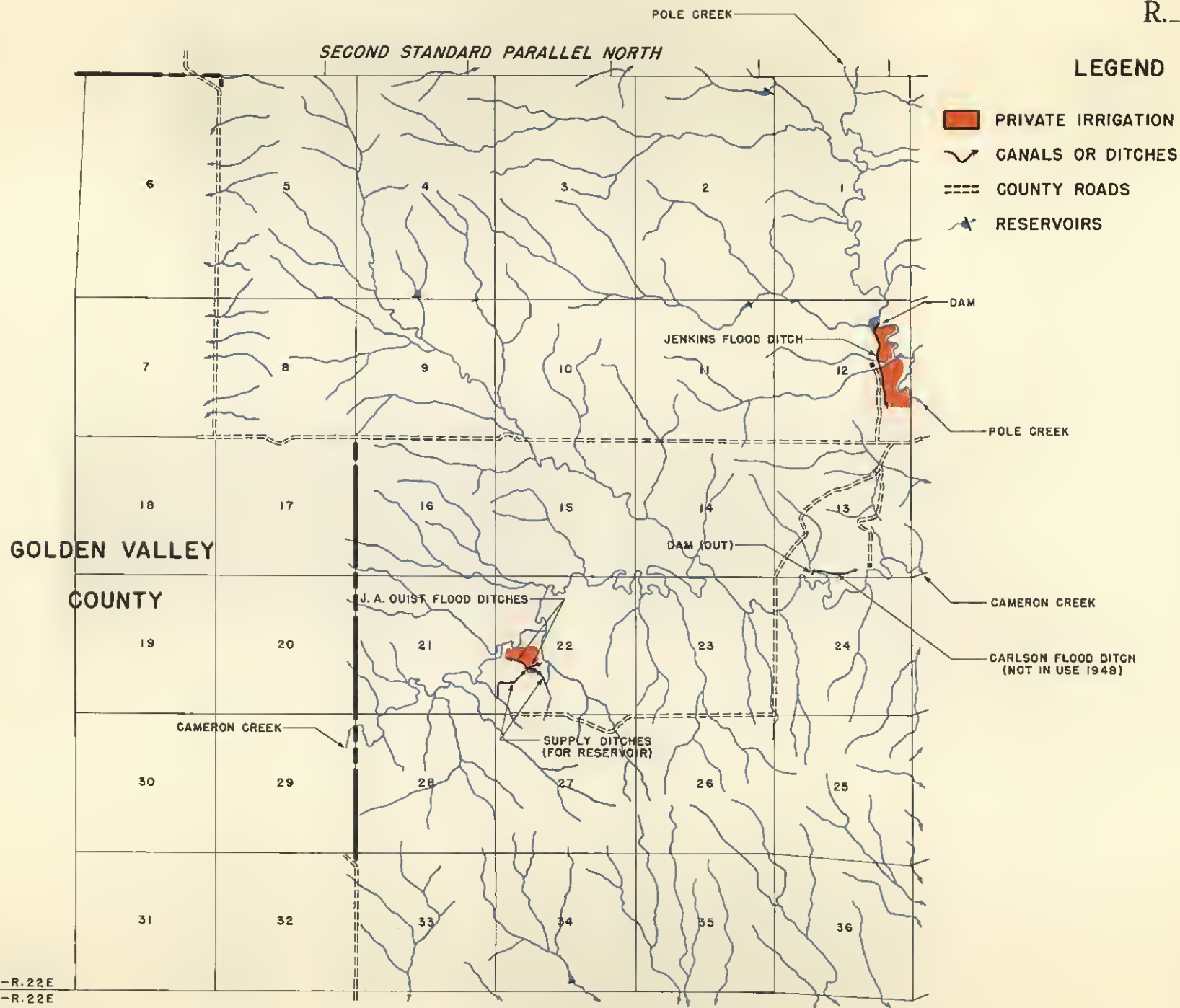


LEGEND

- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS





ROSEBUD COUNTY

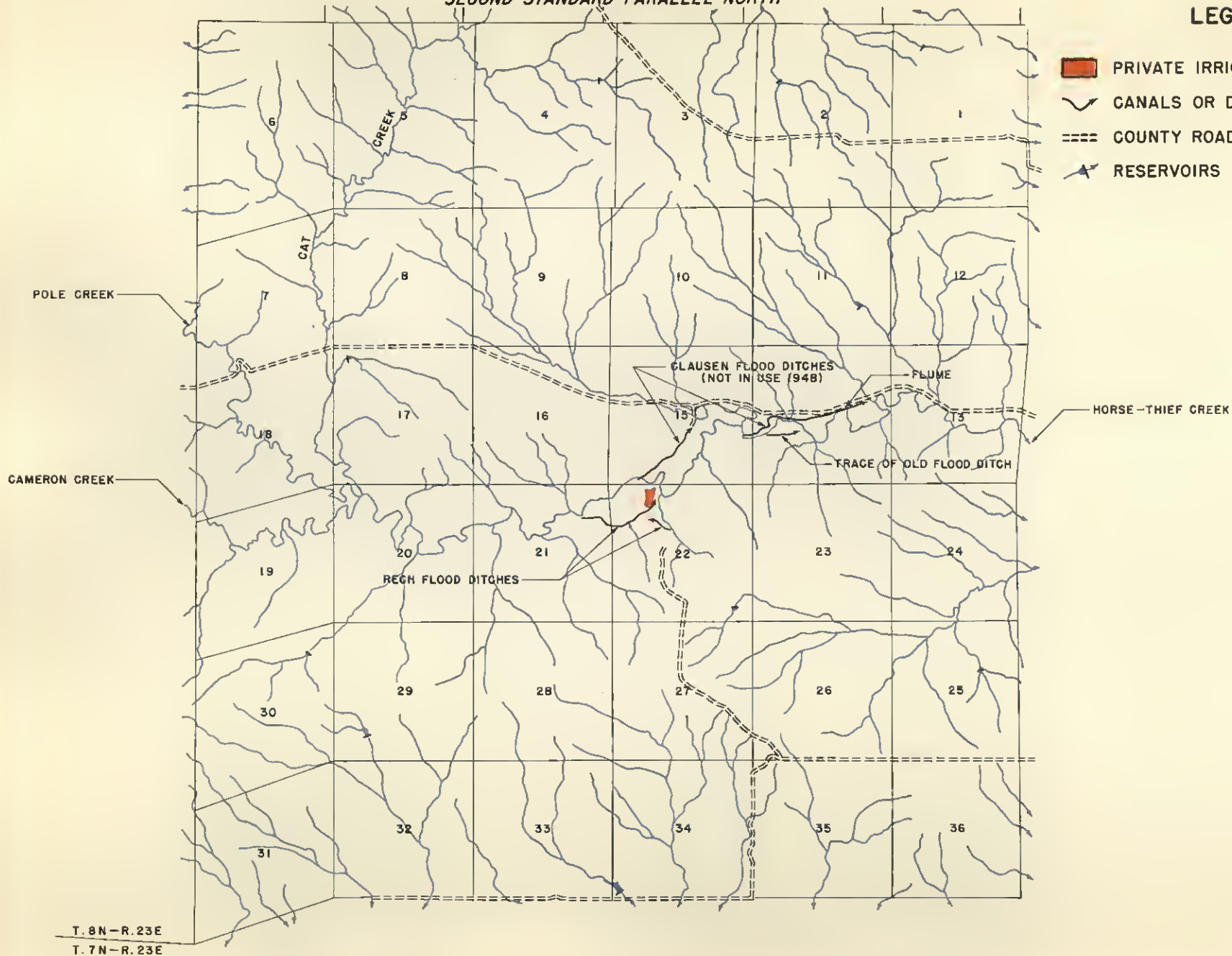




SECOND STANDARD PARALLEL NORTH

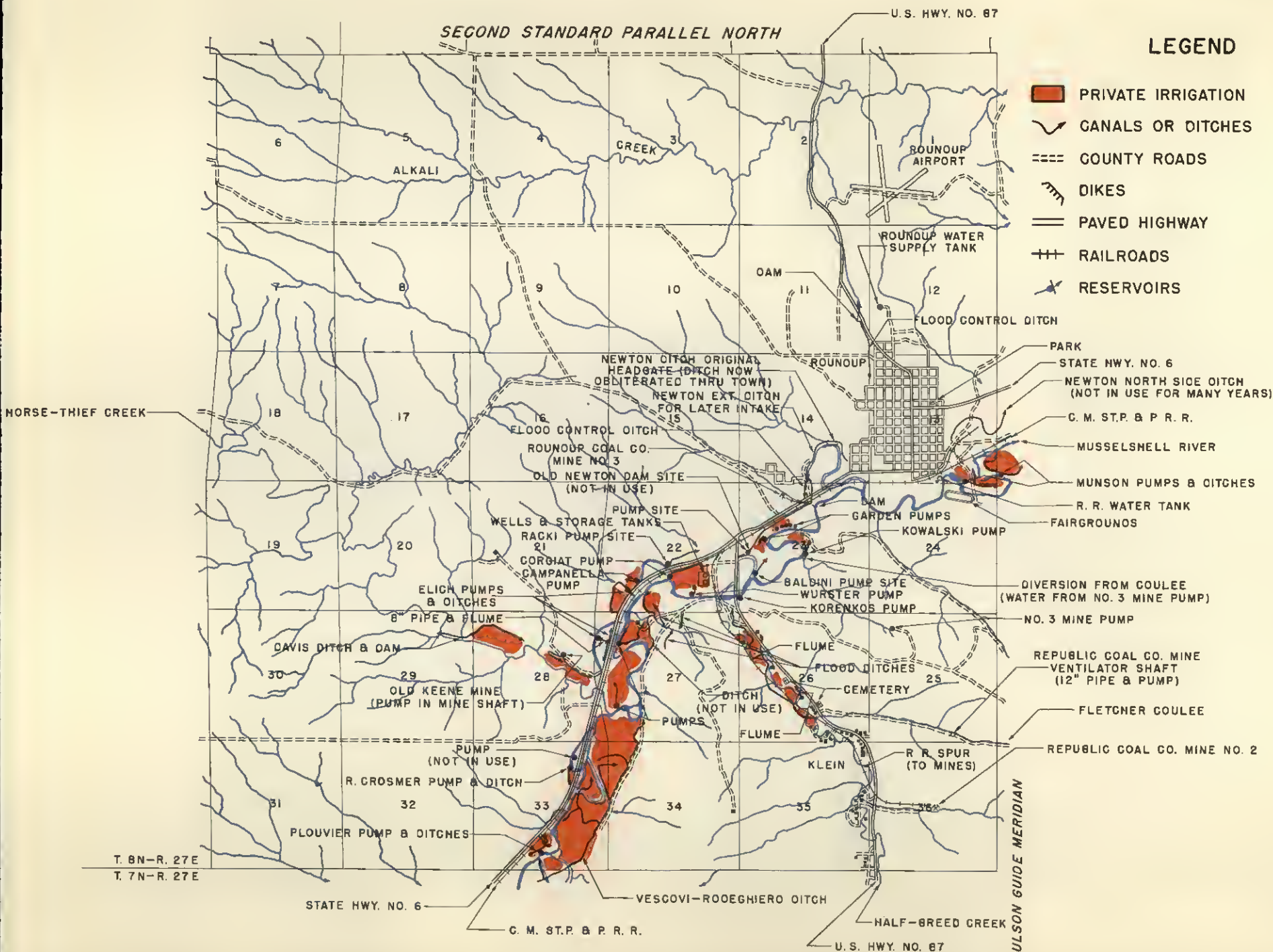
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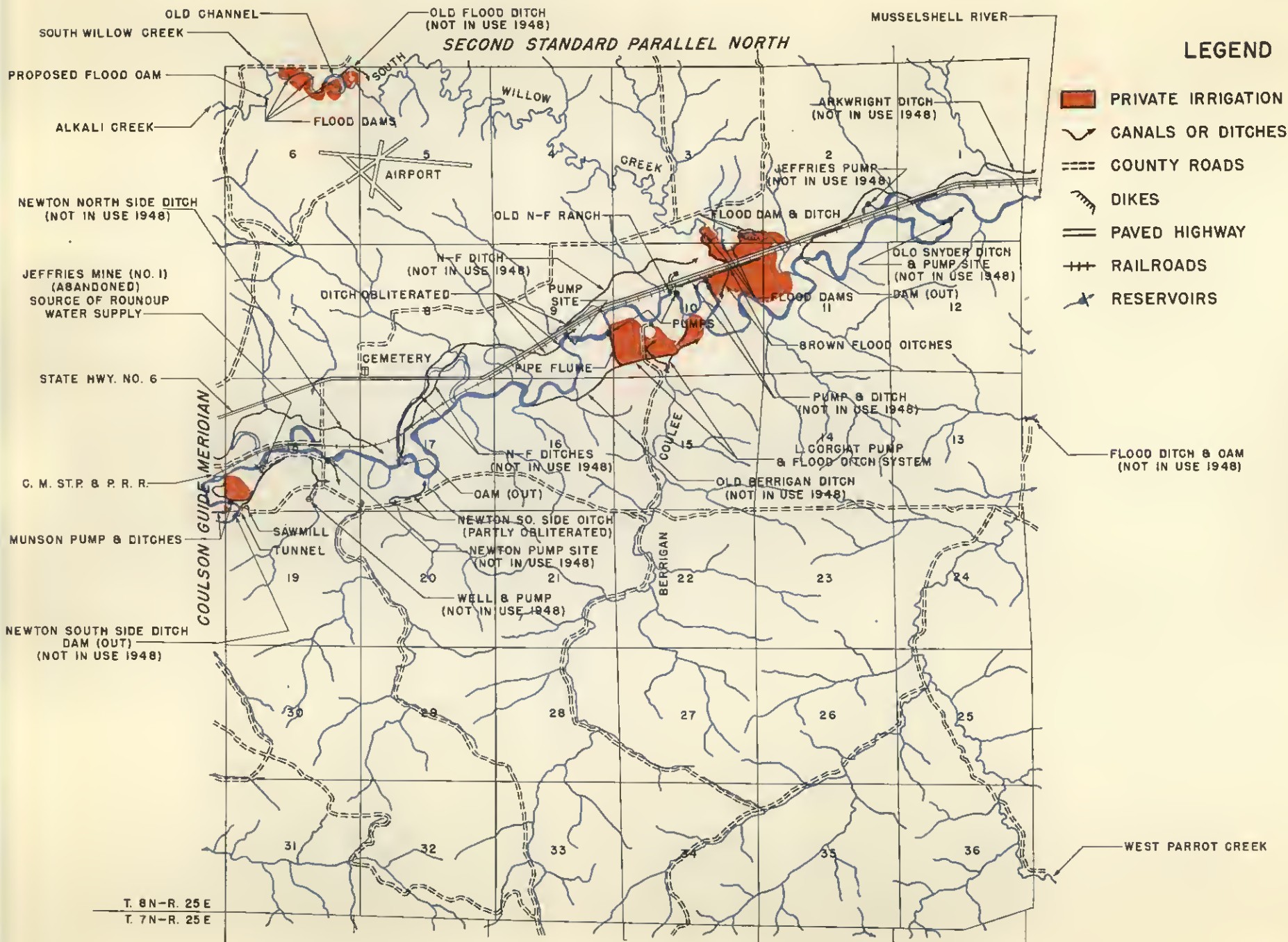
-  PRIVATE IRRIGATION
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS

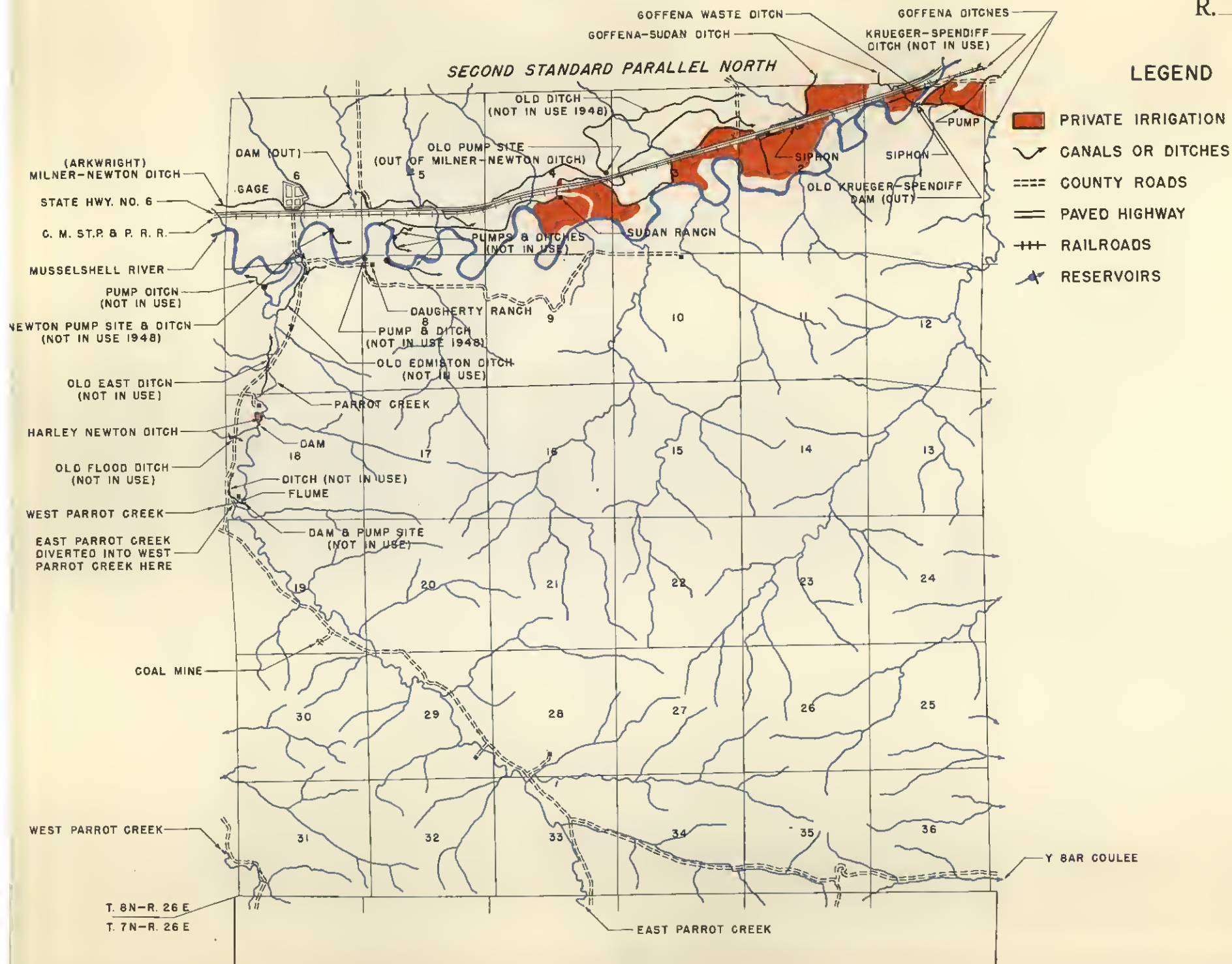


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


- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- DIKES
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS

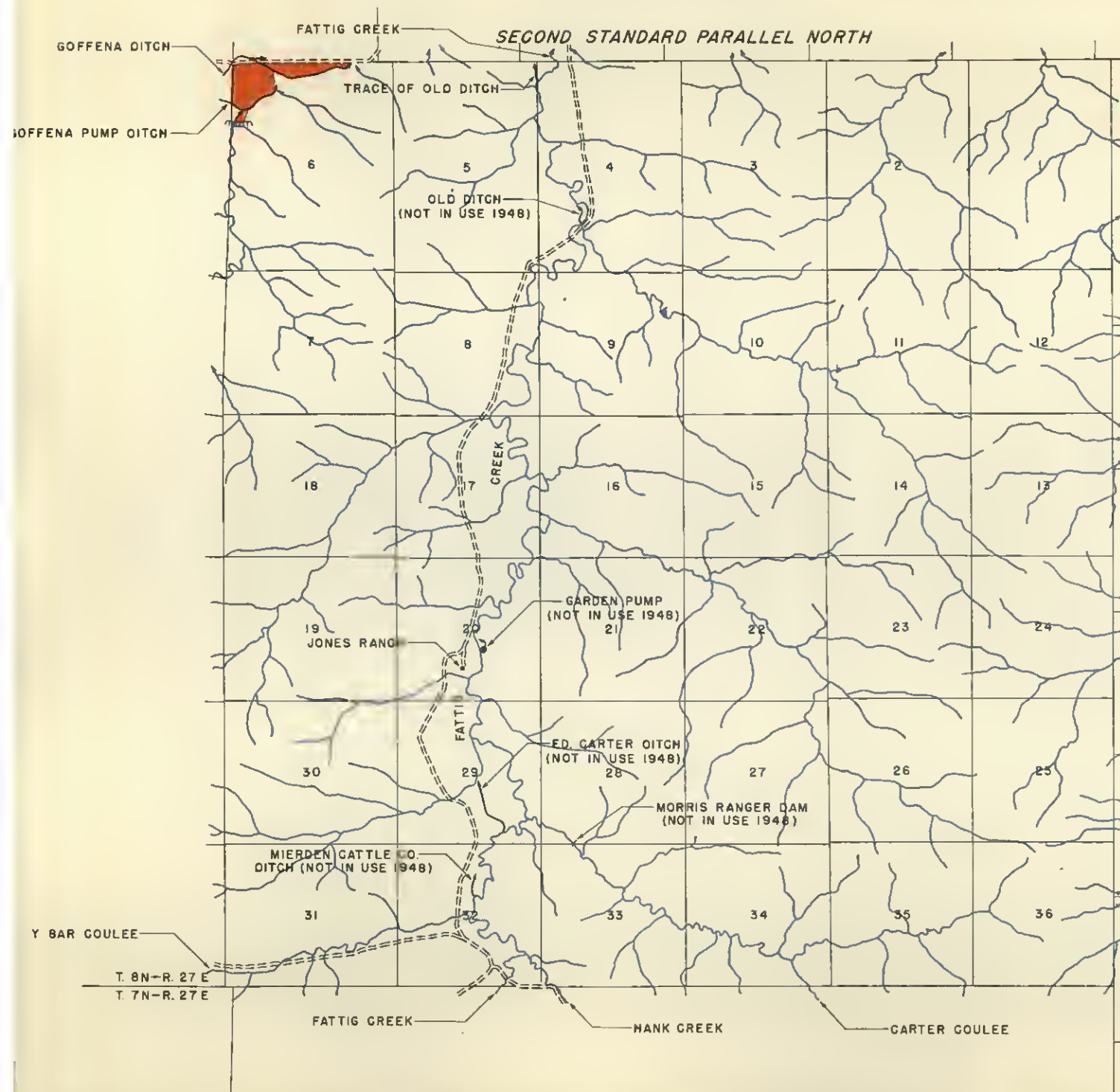


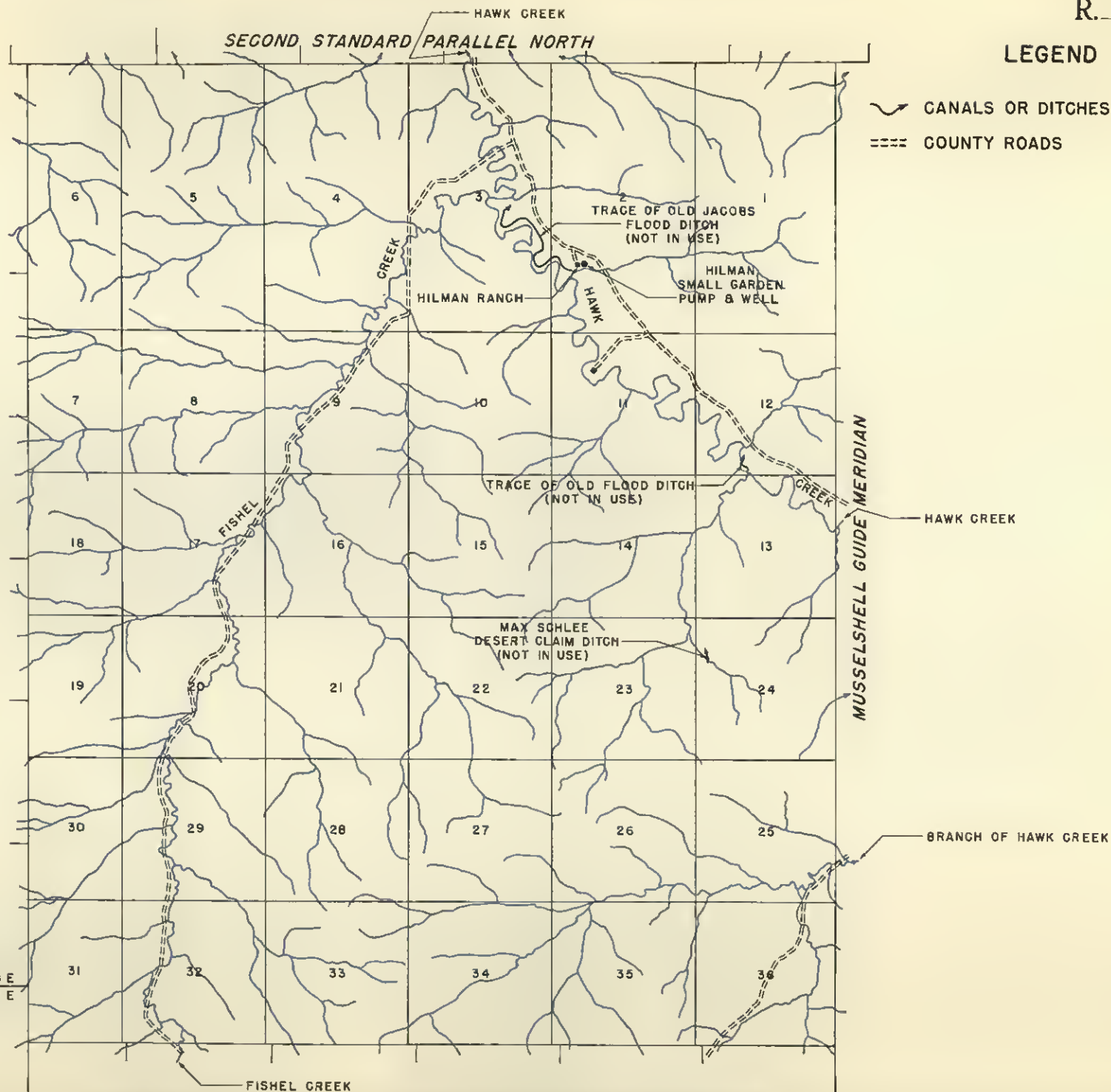




LEGEND

-  PRIVATE IRRIGATION
-  CANALS OR DITCHES
-  COUNTY ROADS
-  DIKES
-  RESERVOIRS





T. 6N-R. 28E
T. 7N-R. 28E

LEGEND

~ CANALS OR DITCHES

=== COUNTY ROADS

BURNT SHEO COULEE
SECOND STANDARD PARALLEL NORTH

CARPENTER CREEK

CARPENTER CREEK

HAWK CREEK

MUSSELSHELL GUIDE MERIDIAN

COULEE

FLUME

CLEM WALLEN
PUMP SITE & DITCH
(NOT IN USE)

CREEK

CREEK

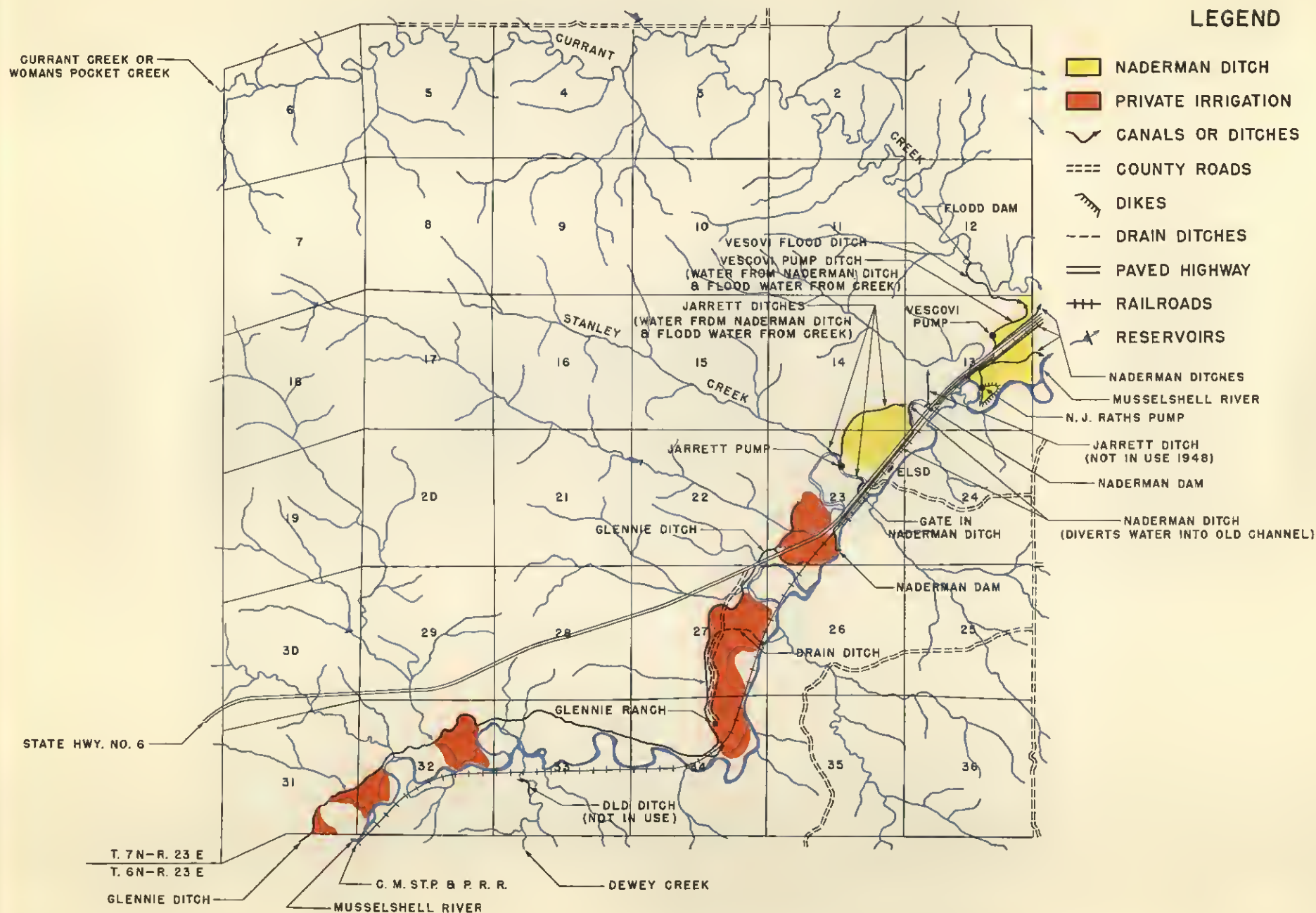
BRANCH OF HAWK CREEK

HAWK CREEK

T. 8N-R. 29E
T. 7N-R. 29E

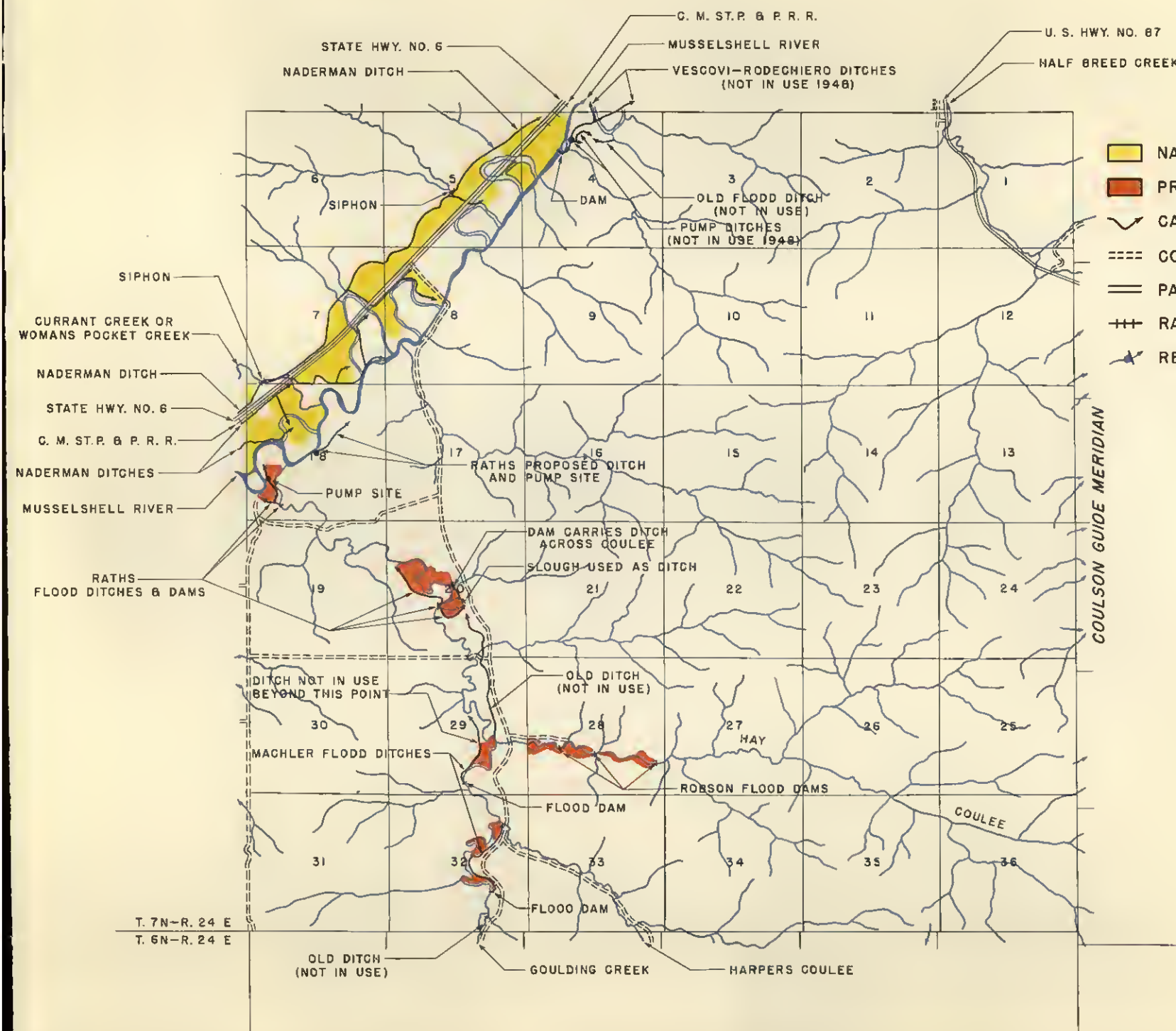
YELLOWSTONE
COUNTY

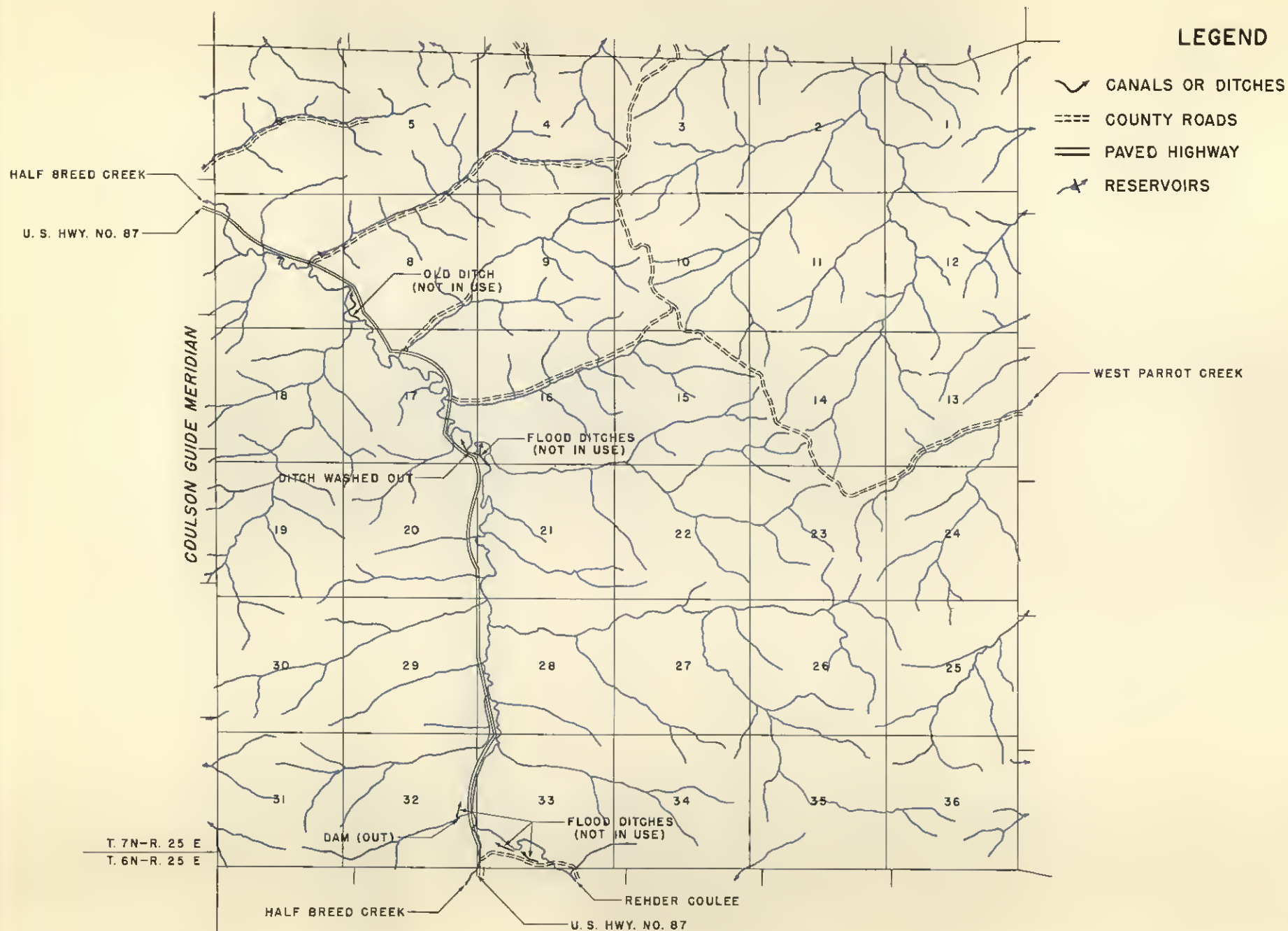
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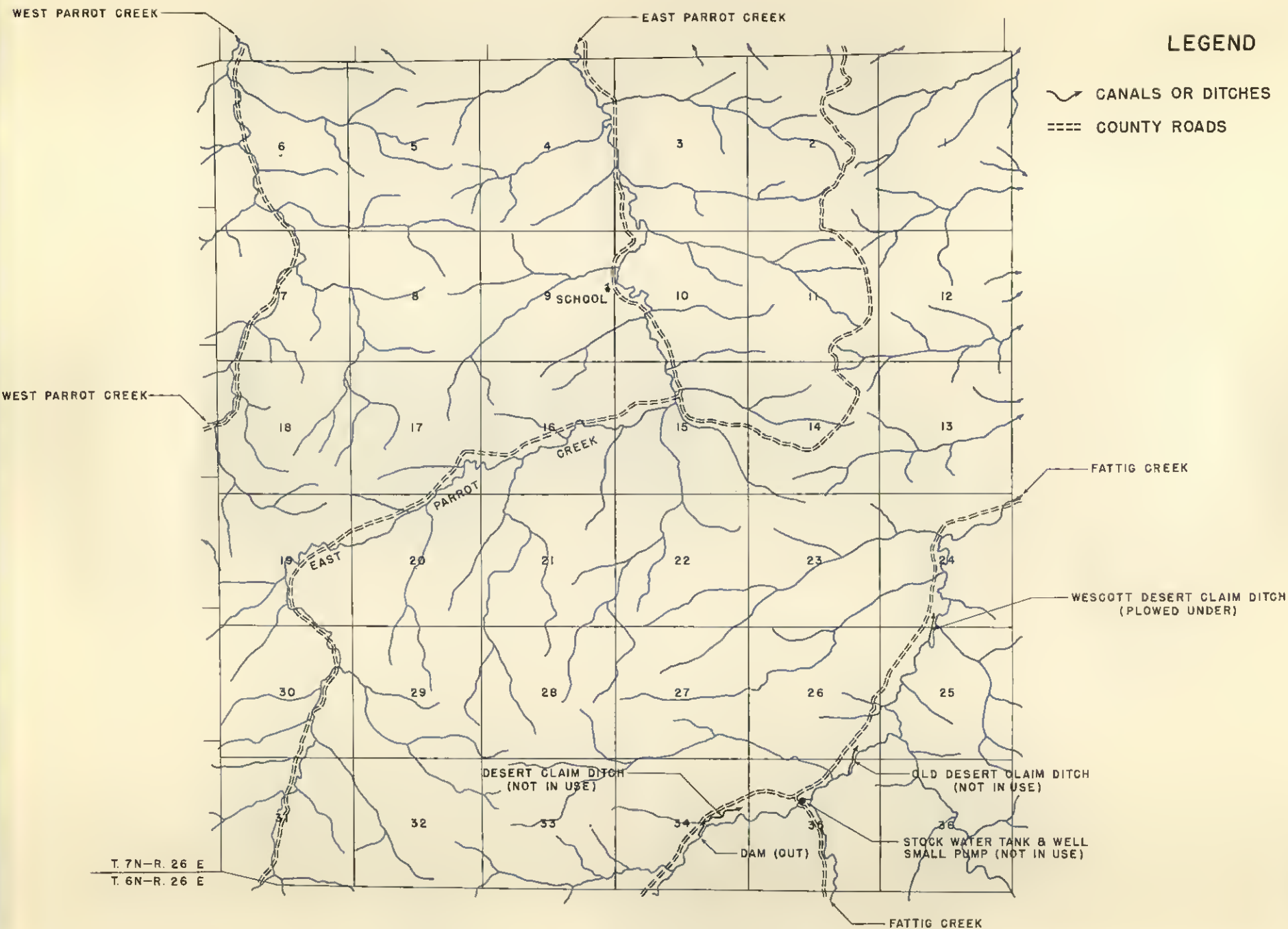


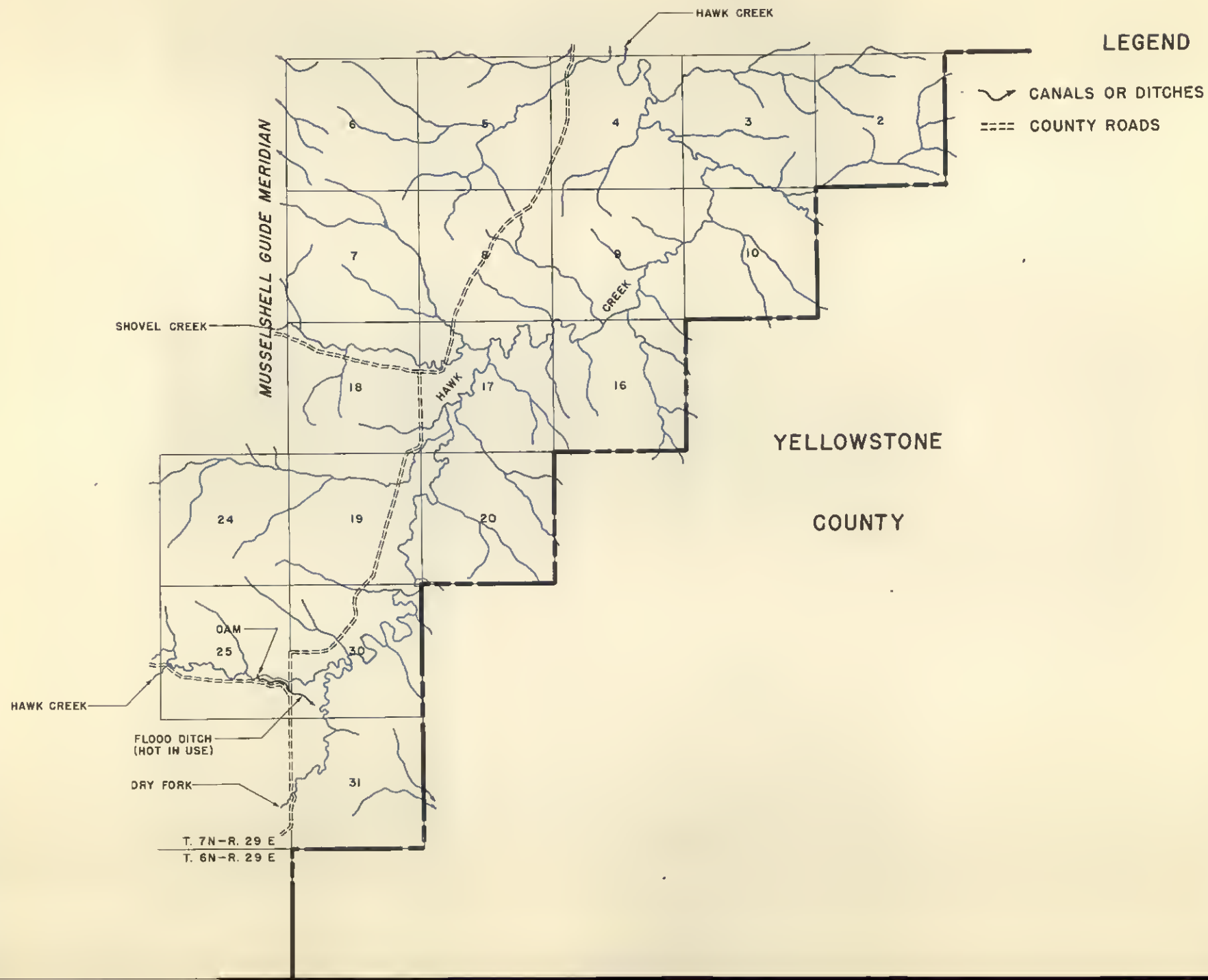
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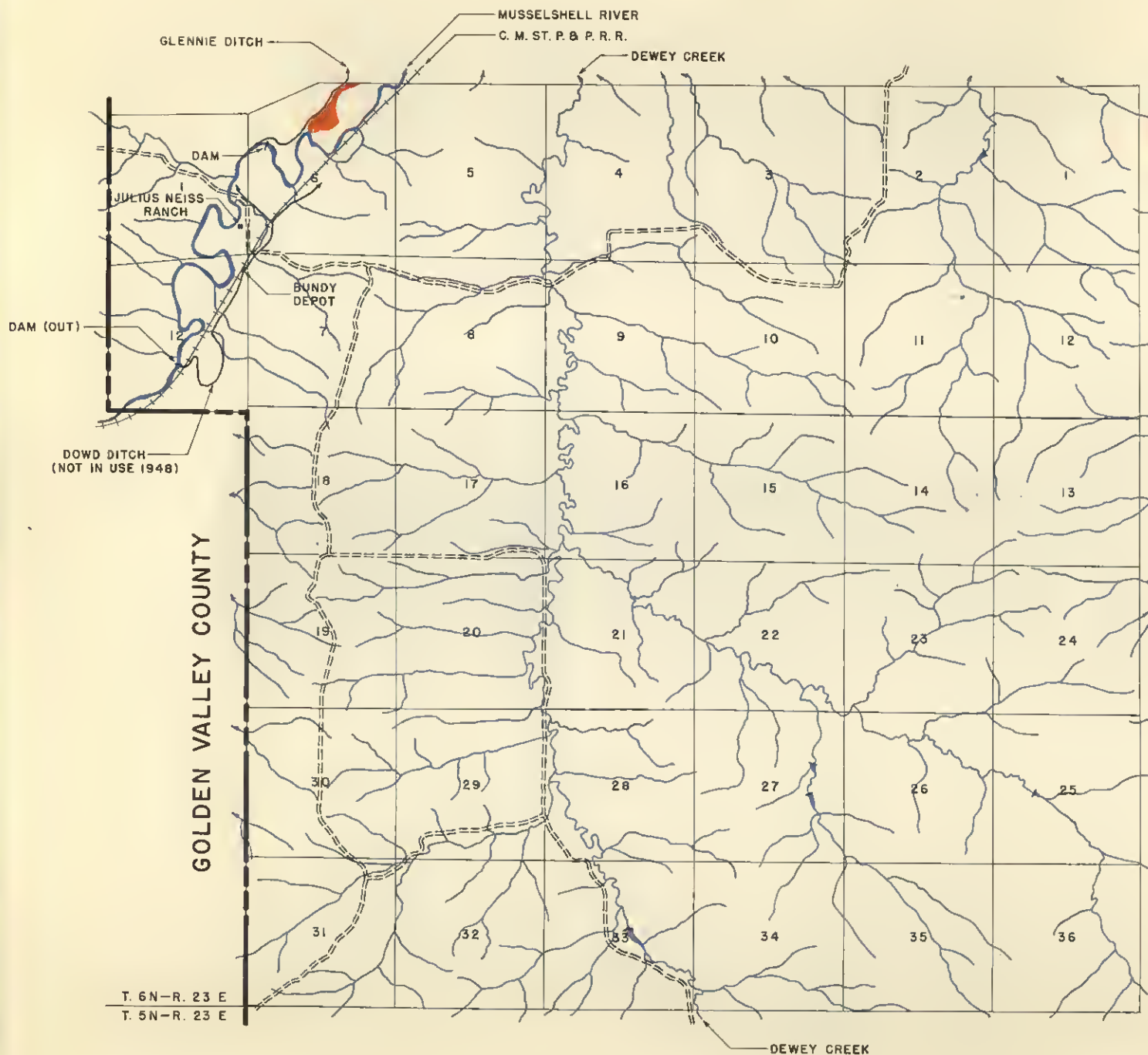
- NADERMAN DITCH
- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED HIGHWAY
- RAILROADS
- RESERVOIRS











LEGEND

- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- +

+

+

 RAILROADS
- X





 RESERVOIRS

ROBERTS LAND & LIVESTOCK CO.
FLOOD IRRIGATION

GOULDING CREEK

HARPERS COULEE

LEGEND

-  PRIVATE IRRIGATION
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS

FLOOD DAMS

PRIVATE DITCH
(NOT IN USE 1948)

HARPERS

COULEE

COULSON GUIDE MERIDIAN

T. 6N-R. 24 E

T. 5N-R. 24 E

GOULDING CREEK

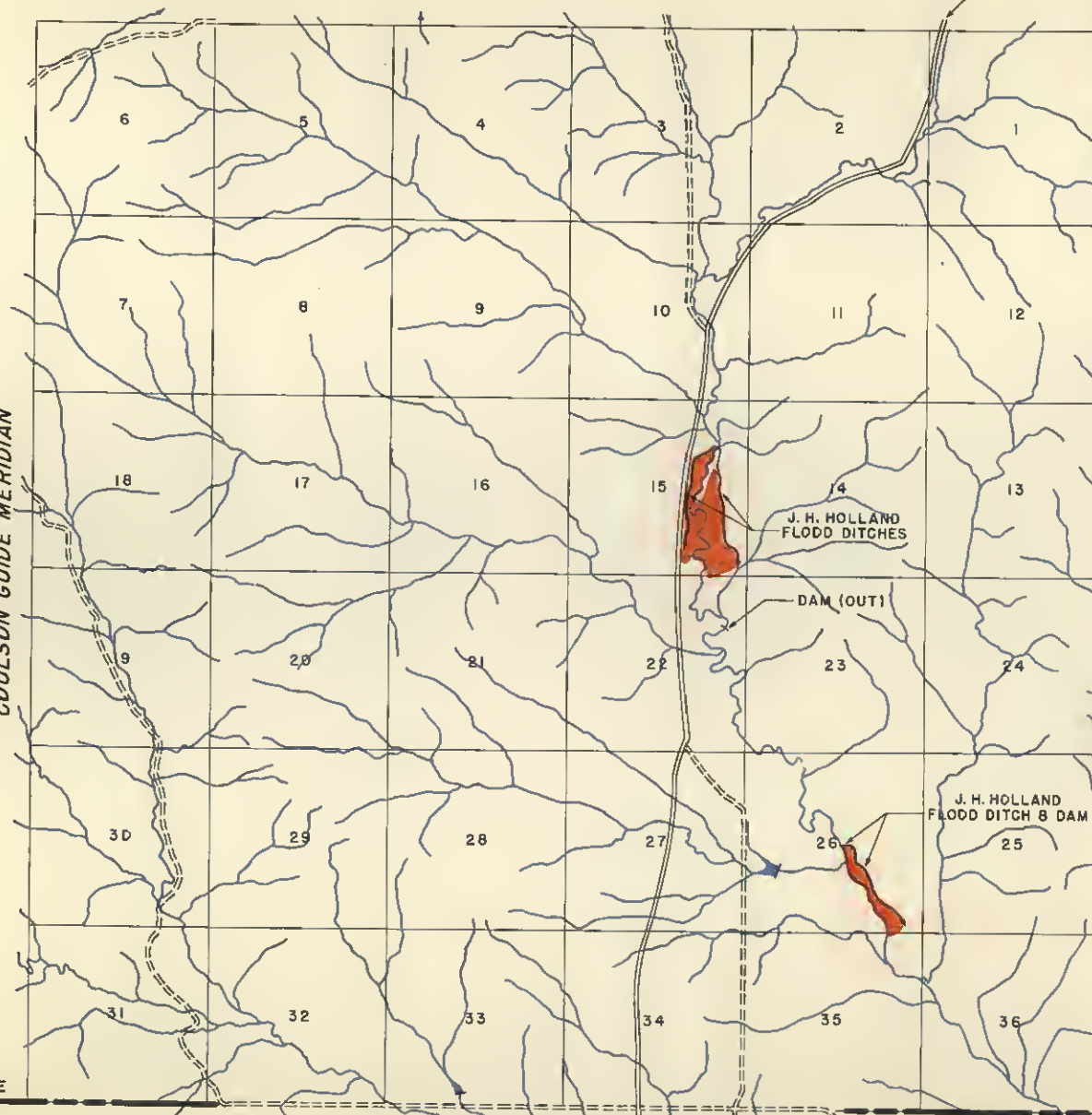
U. S. HWY. NO. 87

LEGEND

- PRIVATE IRRIGATION
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED HIGHWAY
- RESERVOIRS

COULSON GUIDE MERIDIAN

YELLOWSTONE COUNTY



T. 5N-R. 25 E

FIRST STANDARD PARALLEL NORTH

YELLOWSTONE COUNTY

RAZOR CREEK